

**30 May - 2 June 2009 - Valencia - SPAIN**  
**VALENCIA CONFERENCE CENTRE**

# **2nd WORLD CONGRESS**

## **THORACIC IMAGING AND DIAGNOSIS IN CHEST DISEASE**

### **FINAL PROGRAMME**





# 2nd WORLD CONGRESS

OF THORACIC IMAGING AND  
DIAGNOSIS IN CHEST DISEASE



## COMMITTEES

### ORGANIZED BY

Fleischner Society  
Society of Thoracic Radiology (STR)  
European Society of Thoracic Imaging (ESTI)  
Japanese Society of Thoracic Radiology (JSTR)  
Korean Society of Thoracic Radiology (KSTR)

### UNDER THE PATRONAGE OF

Sociedad Española de Radiología Médica (SERAM)  
Sociedad Española de Neumología y Cirugía Torácica (SEPAR)  
Sociedad de Imagen Cardiotorácica (SEICAT)

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# 2nd WORLD CONGRESS

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## WELCOME

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Organizing Secretariat  
GRUPO GEYSECO  
Universidad, 4  
46003 Valencia (Spain)  
Tel: +34 96 352 48 89  
Fax: +34 96 394 25 58  
2wcti@geyseco.es  
www.2wcti.org

### THE SECOND WORLD CONGRESS OF THORACIC IMAGING AND DIAGNOSIS IN CHEST DISEASE

Dear participant in the World Congress of Thoracic Imaging. It is with great pleasure that we welcome you to this event. The entire organization of the meeting is ready to look after you.

The Congress Venue is a beautiful piece of architecture created by Norman Foster in 1999, which will enhance the splendid programme that the Scientific Committee has prepared.

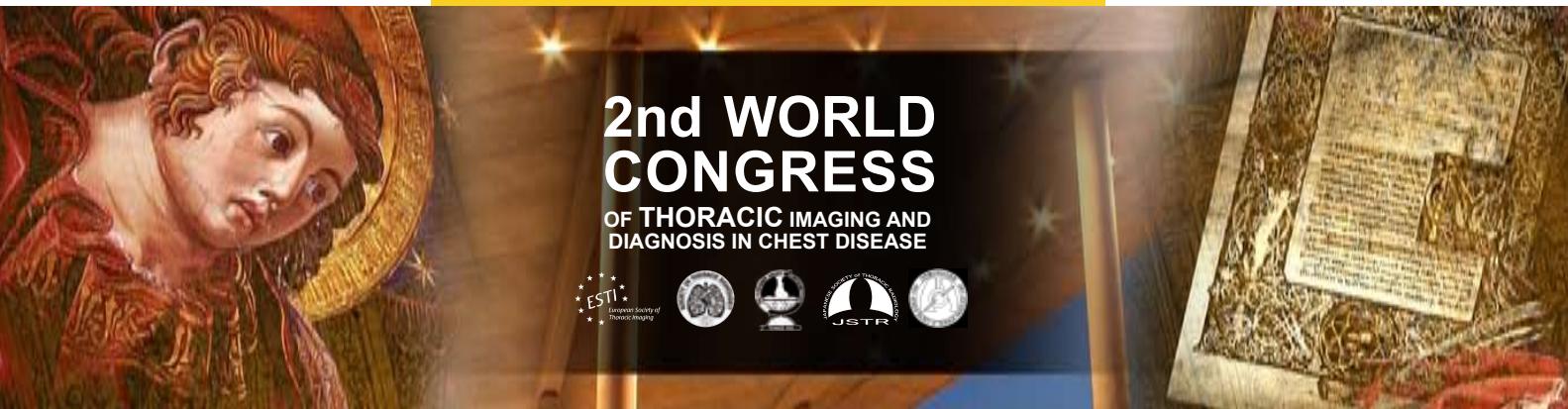
Knowledge today relies in communication especially through the World Wide Web. But direct contact between scientists, teachers and professionals remains basic to the progress of science. This is the case of Thoracic Radiology where the encounter of radiologists, pulmonologists, pathologists and other scientists is absolutely necessary. The mission of our Congress is to provide this encounter and the sharing of knowledge. We will follow the steps of the first World Congress of Thoracic Imaging, held in Florence in 2005.

Valencia, an ancient Mediterranean city, is today a combination of past and modernity. But Valencia is also the present; its cultural offer, the mild climate, the sea, the gastronomy, and, especially, the people, are perfect ingredients for an unforgettable stay.

I hope that this journey in Valencia will be gratifying scientifically and personally and, on behalf of the organizing societies I thank you for coming to our Congress.

My warmest welcome to Valencia.

**José Vilar MD, PhD**  
Chairman Organizing Committee  
IIWORLD CONGRESS OF THORACIC IMAGING



# 2nd WORLD CONGRESS

OF THORACIC IMAGING AND DIAGNOSIS IN CHEST DISEASE



## SOCIAL EVENTS

# 2nd WORLD CONGRESS

OF THORACIC IMAGING AND DIAGNOSIS IN CHEST DISEASE

### OPENING CEREMONY, SUNDAY, MAY 31, 12:30 - 13:30 h – AUDITORIUM I

The Opening Ceremony will include:

**STR Gold Medal Award in memorial of Gordon Gamsu, MD**

(The Gold Medal Award will be accepted by his wife, Ms. Gay Morris Gamsu)

Statement from Dr. Jeffrey Klein about Dr. Gordon Gamsu. **Gordon Gamsu 1940-2009**



**Gordon Gamsu, M.D., F.A.C.R.**, a world renowned thoracic radiologist, died on January 13, 2009 in New York, N.Y. following an extended illness. Dr. Gamsu was a past president of both the Society of Thoracic Radiology and the Fleischner Society. He trained several generations of thoracic radiologists during his 25 year tenure as chief of thoracic radiology at the UCSF Medical Center. From 1996-2007 Dr. Gamsu served as Professor and Vice Chairman of the Department of Radiology at the Weill Cornell Medical College. Dr Gamsu made extensive contributions in understanding the use of CT in the evaluation of chest disease. In recognition of his contributions to thoracic radiology, the 2nd World Congress of Thoracic Imaging and Diagnosis in Chest Disease is dedicated to his memory.

### ESTI PRESIDENTIAL AWARD. José Cáceres Sirgo, M.D. PhD.



José Cáceres is from Sevilla. Spain. A disciple of Benjamin Felson, Dr. Cáceres soon became one of the most important references in Spanish radiology. His major area of interest is Thoracic Radiology. In this field he has made many important scientific contributions. He is one of the founders of ESTI. A magnificent teacher, his lectures get the highest scores in many courses and Congresses, such as the European Congress of Radiology, where his creation: the interactive lectures have become a classic and yet most modern way of teaching.

### INAUGURAL CONFERENCE. Some Reminiscences of MRI and its History. Nobel Price Dr. Richard R. Ernst



Richard Ernst was born in Winterthur, Switzerland, in 1933 from a family and a town that cultivated artistic and industrial activities. His interest in violoncello combined with his passion for chemistry. He became a chemist and started his investigations in MR spectroscopy. He moved to the United States where he had the chance to work with eminent investigators related to 2D MR spectroscopy. He received the Chemistry Nobel Prize in 1991 for his contributions to the development of Magnetic Resonance Spectroscopy. Dr. Ernst is Doctor Honoris Causa from many Universities and has received numerous awards, among them The Benoit in 1986, the John Gamble Kirkwood Medal from Yale University in 1989; the Ampere Prize in 1990; or the Chemistry Wolf Prize from Jerusalem in 1991. Dr. Ernst is a member of the jury of "Premios Jaime I", a prestigious award that is given annually to world leading Spanish scientists.

### WELCOME RECEPTION, SUNDAY, MAY 31, 19:00h – CONFERENCE CENTRE HALL

Welcome Reception open to all attendees of the 2nd World Congress of Thoracic Imaging and Diagnosis in Chest Disease.



# 2nd WORLD CONGRESS

OF THORACIC IMAGING AND  
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## PROGRAMME AT A GLANCE

	AUDITORIUM I	AUDITORIUM II	AUDITORIUM III	ROOM 1+2	ROOM 3+4	MULTIPURPOSE ROOM 1
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### SATURDAY, MAY 30

15:00 REGISTRATION

16:00-20:15 PRE-Congress Course

### SUNDAY, MAY 31

07:00 REGISTRATION

08:00-09:00		SCIENTIFIC SESSION 1	SCIENTIFIC SESSION 2	SCIENTIFIC SESSION 3		EPOS
09:00-10:30	INSTRUCTIONAL COURSE 1	INSTRUCTIONAL COURSE 2	INSTRUCTIONAL COURSE 3			
10:45-12:15	PLENARY SESSION					
12:30-13:30	OPENING CEREMONY					
13:45-14:30	SYMPOSIUM TOSHIBA				WORKSHOP G.E. HEALTHCARE	
14:45-15:45	PLENARY SESSION					
16:00-17:30	INSTRUCTIONAL COURSE 4	INSTRUCTIONAL COURSE 5	INSTRUCTIONAL COURSE 6	SCIENTIFIC SESSION 4		
17:40-19:00		SCIENTIFIC SESSION 5	SCIENTIFIC SESSION 6			
19:00						
					WELCOME RECEPTION	

### MONDAY, JUNE 1

08:00-09:00		SCIENTIFIC SESSION 7	SCIENTIFIC SESSION 8	SCIENTIFIC SESSION 9		EPOS
09:15-10:45	INSTRUCTIONAL COURSE 7	INSTRUCTIONAL COURSE 8	INSTRUCTIONAL COURSE 9			
11:00-12:30	PLENARY SESSION	INSTRUCTIONAL COURSE 10				
12:45-13:30	SYMPOSIUM BRACCO	SYMPOSIUM G.E. HEALTHCARE	SYMPOSIUM PHILIPS			
13:45-14:30	SYMPOSIUM SIEMENS					
14:45-16:15	IMAGE INTERPRETATION SESSION					
16:30-18:00	INSTRUCTIONAL COURSE 11	INSTRUCTIONAL COURSE 12	INSTRUCTIONAL COURSE 13	SCIENTIFIC SESSION 10		
18:10-19:00		SCIENTIFIC SESSION 11	SCIENTIFIC SESSION 12		SCIENTIFIC SESSION 13	

### TUESDAY, JUNE 2

08:00-09:00		SCIENTIFIC SESSION 14	SCIENTIFIC SESSION 15	SCIENTIFIC SESSION 16		EPOS
09:15-10:45	INSTRUCTIONAL COURSE 14	INSTRUCTIONAL COURSE 15	INSTRUCTIONAL COURSE 16	INSTRUCTIONAL COURSE 17		
11:00-12:30	PLENARY SESSION					
12:30-14:15		SCIENTIFIC SESSION 17	SCIENTIFIC SESSION 18	SCIENTIFIC SESSION 19		
14:15-15:45	PLENARY SESSION					
15:50	CLOSURE					

# 2nd WORLD CONGRESS

OF THORACIC IMAGING AND  
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## PRE-CONGRESS COURSE

### SATURDAY, MAY 30

15:00	REGISTRATION	
	Pre-Congress Course OPEN YOUR EYES TO CARDIAC RADIOLOGY (Spanish language with English simultaneous translation.)	AUDITORIUM II
16:00-16:05	PRESENTATION	
16:10-16:40	What is essential to interpret cardiac imaging studies	Teresa M <sup>a</sup> de Caralt (Spain)
16:45-17:15	Cardiac imaging: What we should know: normal variants and incidental finding	Eva Castañer (Spain)
17:20-17:50	Cardiac semiology exists	Rafaela Soler (Spain)
18:00-18:30	COFFEE BREAK	
18:30-19:00	Ischemic disease: Where we are and what we should know	Gabriel C. Fernández (Spain)
	What the future brings. More Tesla? More detectors?	
19:05-19:35	Advantages and disadvantages	Gorka Bastarrika (Spain)
19:40-20:10	What can we do with the everyday cases?	Carlos Delgado (Spain)
20:15	CLOSURE	

### SÁBADO, 30 MAYO

15:00	ENTREGA DE DOCUMENTACIÓN	
	Curso Precongreso ABRE LOS OJOS A LA RADIOLOGIA CARDIACA	AUDITORIO II
16:00-16:05	PRESENTACIÓN	
16:10-16:40	Qué es lo esencial para realizar e interpretar estudios de imagen cardiaca	Teresa M <sup>a</sup> de Caralt (España)
16:45-17:15	Imagen cardiaca qué debemos conocer: variantes anatómicas, hallazgos incidentales	Eva Castañer (España)
17:20-17:50	La semiología cardíaca también existe	Rafaela Soler (España)
18:00-18:30	DESCANSO/CAFÉ	
18:30-19:00	Enfermedad isquémica: dónde estamos y qué debemos conocer	Gabriel C. Fernández (España)
	Qué nos trae el futuro? Más Teslas, más detectores?	
19:05-19:35	Ventajas e inconvenientes	Gorka Bastarrika (España)
19:40-20:10	Y con los casos de todos los días qué hacemos: una revisión práctica	Carlos Delgado (España)
20:15	CLAUSURA CURSO PRECONGRESO	

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# 2nd WORLD CONGRESS

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## SCIENTIFIC PROGRAMME

SUNDAY, MAY 31

7:30	REGISTRATION	
08:00-09:00	Scientific Session 1: <b>INTERVENTIONAL</b>	AUDITORIUM II
08:00-09:00	Scientific Session 2: <b>NEW TECHNIQUES</b>	AUDITORIUM III
08:00-10:30	Scientific Session 3: <b>CORONARY IMAGING</b>	ROOM 1+2
	Instructional Course 1: SIGNS IN RADIOLOGY Moderators: Tomas Franquet (EU), José Cáceres (EU)	AUDITORIUM I
09:00-09:30	The lung	José Cáceres (EU)
09:30-10:00	The mediastinum	Koji Takahashi (Japan)
10:00-10:30	The pleura and chest wall	Jeffrey Klein (USA)
	Instructional Course 2: INTERVENTIONAL TECHNIQUES Moderators: Jo-Anne Shepard (USA), Atul Mehta (USA)	AUDITORIUM II
09:00-09:45	Bronchoscopic interventions	Atul Mehta (USA)
09:45-10:10	Bronchoscopic - the role of the radiologist	Phillip Boiselle (USA)
10:10-10:30	VATS: indications, technique, complications	Larry Kaiser (USA)
	Instructional Course 3: NEW TECHNOLOGIES Moderators: Heber MacMahon (USA), Cornelia Schaefer-Prokop (EU)	AUDITORIUM III
09:00-09:20	Advanced processing in digital radiography and tomosynthesis	H.Page McAdams (USA)
09:20-09:45	Beyond axial imaging: advanced CT technique and processing	Ionnis Vlahos (EU)
09:45-10:10	Computer aided diagnosis in chest CT: beyond nodules	Eric Hoffman (USA)
10:10-10:30	PET & the future - CT and PET MRI	Jeremy Erasmus (USA)
	Plenary Session: INTERSTITIAL LUNG DISEASE Moderators: Talmadge King (USA), Nestor Müller (Canada)	AUDITORIUM I
10:45-11:15	Pathology of interstitial lung disease	William Travis (USA)
11:15-11:45	Radiology of idiopathic interstitial pneumonias	Takeshi Johkoh (Japan)
11:45-12:15	Advances in treatment	Athol Wells (EU)
12:30-13:30	OPENING CEREMONY	AUDITORIUM I
	Some Reminiscences of MRI and its History	Richard R. Ernst
13:45-14:30	<b>HANDS-ON WORKSHOP G.E. HEALTHCARE</b>	ROOM 3+4
	ThoracicVCAR™ & Volume RAD™ COPD management with ThoracicVCAR Digital radiography tomosynthesis in clinical practice: cases review with Volume RAD	Anna Rita Larici
13:45-14:30	<b>SYMPORIUM TOSHIBA</b>	AUDITORIUM I
	Acute pediatric thoracic diagnostic with dynamic volume CT New diagnostic roads for chest CI Imaging	Erich Sorantin (EU) Patrik Rogalla (EU)

<b>Plenary Session: COPD</b> Moderators: Peter Barnes (EU), Alex Bankier (USA)		
		<b>AUDITORIUM I</b>
14:45-15:05	Pathology of COPD	James Hogg (Canada)
15:05-15:25	Genetics and clinical phenotypes	James Crapo (USA)
15:25-15:45	Imaging of COPD	Philippe Grenier (EU)
<b>Instructional Course 4: PULMONARY INFECTIONS</b> Moderators: Christian Herold (EU), Mark Fitzgerald (Canada)		
		<b>AUDITORIUM I</b>
16:00-16:30	Community acquired pneumonia and viral infections	Tomás Franquet (EU)
16:30-17:00	Tuberculosis – a resurging disease	Jung-Gi Im (Korea)
17:00-17:30	Strategies of diagnosis and treatment of pulmonary infections	Francesco Blasi (EU)
<b>Instructional Course 5: ASTHMA &amp; CYSTIC FIBROSIS</b> Moderators: Hugh O'Brodovich (Canada), Jannette Collins (USA)		
		<b>AUDITORIUM II</b>
16:00-16:30	Asthma – clinical overview and therapeutic strategies	Peter Barnes (EU)
16:30-17:00	Cystic fibrosis. Structural and functional correlation	Hugh O'Brodovich (Canada)
17:00-17:30	Imaging in asthma and cystic fibrosis	Alan Brody (USA)
<b>Instructional Course 6: FLEISCHNER SOCIETY RECOMMENDATIONS</b> Moderators: Gorka Bastarrika (EU), Katerina Malagari (EU)		
		<b>AUDITORIUM III</b>
16:00-16:30	The glossary: old terms & new definitions	David Hansell (EU)
16:30-17:00	Follow-up of pulmonary nodules	Heber MacMahon (USA)
17:00-17:30	Pulmonary embolism	Lawrence Goodman (USA)
<b>Scientific Session 4: CARDIOVASCULAR IMAGING</b>		
		<b>ROOM 1+2</b>
16:00-19:00		
<b>Scientific Session 5: ASTHMA AND CYSTIC FIBROSIS</b>		
		<b>AUDITORIUM II</b>
17:40-19:00		
<b>Scientific Session 6: PULMONARY EMBOLISM</b>		
		<b>AUDITORIUM III</b>
17:40-19:00		

## MONDAY, JUNE 1

8:00-9:00	<b>Scientific Session 7: FUNCTIONAL IMAGING</b>	<b>AUDITORIUM II</b>
8:00-9:00	<b>Scientific Session 8: INTERVENTIONAL</b>	<b>AUDITORIUM III</b>
8:00-10:45	<b>Scientific Session 9: DIFFUSE INFILTRATIVE LUNG DISEASE</b>	<b>ROOM 1+2</b>
<b>Instructional Course 7: PLEURAL DISEASE</b> Moderators: Reginald Munden (USA), Mario Maffessanti (EU)		
		<b>AUDITORIUM I</b>
09:15-09:35	Pathology	Thomas Colby (USA)
09:35-09:55	Imaging of tumors and non-neoplastic diseases	Gerald Abbott (USA)
09:55-10:20	Malignant pleural tumors -therapeutic options	Giovanni Luca Ceresoli (EU)
10:20-10:45	Pleural interventions	Fergus Gleeson (EU)
<b>Instructional Course 8: FUNCTIONAL IMAGING</b> Moderators: Warren Gefter (USA), James Crapo (USA)		
		<b>AUDITORIUM II</b>
09:15-09:45	Imaging of pulmonary function - current status	Alexander Bankier (USA)
09:45-10:15	Future perspectives	Hans-Ulrich Kauczor (EU)
10:15-10:45	MR lung perfusion imaging	Yoshiharu Ohno (Japan)
<b>Instructional Course 9: HOW I DO IT: IMAGING GUIDED INTERVENTIONAL PROCEDURES</b> Moderator: Jeffrey Klein (USA)		
		<b>AUDITORIUM III</b>
09:15-09:45	Radiofrequency ablation of lung lesions	Jo-Anne Shepard (USA)
09:45-10:15	Management of hemoptysis	Martine Rémy-Jardin (EU)
10:15-10:45	Questions and discussion	
<b>Plenary Session: CARDIAC IMAGING</b> Moderators: Martine Rémy-Jardin (EU), Joaquín Ferreirós (EU)		
		<b>AUDITORIUM I</b>
11:00-11:20	CTA of the coronary arteries	Simon Padley (EU)
11:20-11:50	CT of the heart	Joseph Schoepf (USA)
11:50-12:10	Acute chest pain - MDCT in the emergency department	Charles White (USA)
12:10-12:30	Cardiac MRI	Luigi Natale (EU)

	<b>Instructional Course 10: CASE BASED REVIEW FOR THE PULMONOLOGIST AND OTHER CLINICIANS (AUDIENCE RESPONSE SYSTEM)</b> Moderator: Talmadge King (USA)	<b>AUDITORIUM II</b> Talmadge King (USA) Gary Hunninghake (USA) Massimo Pistolesi (EU) Athol Wells (EU)
12:45-13:30	<b>SYMPOSIUM BRACCO</b>  <b>How to make your CT exam safer and more effective?</b> Moderator: Lorenzo Bonomo (EU) Patients with chronic kidney disease: minimizing the risk of contrast-induced nephropathy Optimizing contrast enhancement in CT: a) Patient variables b) Scanner and Contrast variables	<b>AUDITORIUM I</b>  Sameh Morcos (EU)  Thomas Albrecht (EU) Mathias Prokop (EU)
12:45-14:30	<b>SYMPOSIUM G.E. HEALTHCARE</b>  <b>Advanced Developments in Clinical Practice</b> CT innovations in COPD management Innovations in PET/CT to address unmet clinical challenges in lung cancer Digital tomosynthesis for detection and management of pulmonary nodules in clinical practice Digital chest tomosynthesis in practice	<b>AUDITORIUM II</b>  Christophe Argaud (EU) Miroslaw Dziuk (EU)  Marianne Boijesen (EU) Page McAdams (USA)
12:45-13:30	<b>SYMPOSIUM PHILIPS</b>  <b>The New Techniques in CT Assessment of Chest</b> Moderator: Shabtai Samoilov (Israel) Dynamic Filtration in CT Isotropic Imaging Computer assistance in CT Pulmonary Embolism detection	<b>AUDITORIUM III</b>  Emmanuel Coche (EU) Joost Peters (EU)
13:45-14:30	<b>SYMPOSIUM SIEMENS</b>  <b>Comprehensive Thoracic Imaging with CT, MRT and Angiography</b> Flash spiral scanning - Imaging the thorax in less than 1 Second MRI of the lung: Ready ... Set ... Go! Syngo DynaCT in the treatment of lung tumors	<b>AUDITORIUM I</b>  Nico Mollet (EU) Juergen Biederer (EU) Thomas Vogl (EU) Nagy N. Naguib (EU)
14:45-16:15	<b>IMAGE INTERPRETATION SESSION</b> Moderators: Theresa C. McLoud (USA), Christian Herold (EU) Referees-Score Keepers: Chris Flower (EU), Philippe Grenier (EU)  TEAM I PIRATES OF THE CARIBBEAN: Santiago Rossi (Argentina), Massimo Pistolesi (EU), Heber MacMahon (USA), Irena Tocino (USA) TEAM II BLACK BEARD./GRAY BEARD: José Cáceres (EU), Pierre Schnyder (EU), Reginald Munden (USA), James Crapo (USA) TEAM III AMERIGO VESPUCCI: Lorenzo Bonomo (EU), Page McAdams (USA), Luis Felipe Alva Lopez (Mexico), Hugh O'Brodovitch (USA) TEAM IV THE VIKINGS: Sujal Desai (EU), Eric Stern (USA), Kiyoshi Murata (Japan), Gary Hunninghake (USA)	<b>AUDITORIUM I</b>
16:30-17:00	<b>Instructional Course 11: ARDS, CRITICAL CARE</b> Moderators: Irena Tocino (USA), Theodoros Vassilakopoulos (EU)	<b>AUDITORIUM I</b>
17:00-17:30	Pathophysiology of ARDS	Luciano Gattinoni (EU)
17:30-18:00	Imaging in ARDS	Phillip Goodman (USA)
	Therapy and management of ARDS	Theodoros Vassilakopoulos (EU)
16:30-17:00	<b>Instructional Course 12: CASE BASED REVIEW (AUDIENCE RESPONSE SYSTEM)</b> Moderators: Kiyoshi Murata (Japan), Eric Stern (USA)	<b>AUDITORIUM II</b>
16:30-17:00	Mediastinum	François Laurent (EU)
17:00-17:30	Chest trauma emergencies	Eric Stern (USA)
17:30-18:00	Interstitial lung disease	Nestor L. Muller (Canada)
16:30-17:00	<b>Instructional Course 13: PULMONARY MANIFESTATIONS OF SYSTEMIC DISEASE</b> Moderators: David Lynch (USA), Mathias Prokop (EU)	<b>AUDITORIUM III</b>
17:00-17:30	Many faces of sarcoidosis	Cornelia Schaefer (EU)
17:30-18:00	Vasculitis	Christoph Engelke (EU)
16:30-19:00	Collagen vascular diseases	Sujal Desai (EU)
16:30-19:00	<b>Scientific Session 10: CAD/FUNCTIONAL IMAGING</b>	<b>ROOM 1+2</b>
18:10-19:00	<b>Scientific Session 11: MEDIASTINUM/PLEURA</b>	<b>AUDITORIUM II</b>
18:10-19:00	<b>Scientific Session 12: PULMONARY MANIFESTATIONS OF SYSTEMIC DISEASE</b>	<b>AUDITORIUM III</b>

<b>18:10-19:00</b>	<b>Scientific Session 13: NEW TECHNIQUES</b>	<b>ROOM 3+4</b>
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## TUESDAY, JUNE 2

<b>08:00-09:00</b>	<b>Scientific Session 14: COPD</b>	<b>AUDITORIUM II</b>
<b>08:00-09:00</b>	<b>Scientific Session 15: RADIATION DOSE</b>	<b>AUDITORIUM III</b>
<b>08:00-09:00</b>	<b>Scientific Session 16: PET IMAGING/BIMAKERS</b>	<b>ROOM 1+2</b>
	<b>Instructional Course 14: CARDIAC AND VASCULAR IMAGING</b> Moderators: Charles White (USA), Geoffrey D. Rubin (USA)	<b>AUDITORIUM I</b>
<b>09:15-09:35</b>	MDCT: Cardiac anatomy	Albert de Roos (EU)
<b>09:35-09:55</b>	Vascular disease	Lynn Broderick (USA)
<b>09:55-10:15</b>	Neoplastic and non-neoplastic masses in the heart	Fernando Gutiérrez (USA)
<b>10:15-10:45</b>	Acute aortic syndromes	Geoffrey D. Rubin (USA)
	<b>Instructional Course 15: COPD</b> Moderators: Hans-Ulrich Kauczor (EU), James Hogg (Canada)	<b>AUDITORIUM II</b>
<b>09:15-09:45</b>	Systemic effects of COPD	Mark Fitzgerald (Canada)
<b>09:45-10:15</b>	New approaches to therapy	Massimo Pistolesi (EU)
<b>10:15-10:45</b>	Imaging of small airways disease	Johny Verschakelen (EU)
	<b>Instructional Course 16: RADIATION DOSE</b> Moderators: David Hansell (EU), Theresa C. McLoud (USA)	<b>AUDITORIUM III</b>
<b>09:15-09:45</b>	Radiation dose in CT – controversies and future management	Mannudeep Kalra (USA)
<b>09:45-10:15</b>	Imaging gently – how to examine children and pregnant women	Eric Effmann (USA)
<b>10:15-10:45</b>	Low dose CT: practical applications and limitations	Mathias Prokop (EU)
	<b>Instructional Course 17: MOLECULAR IMAGING AND BIOMARKERS</b> Moderators: Page MacAdams (USA), Jiri Neuwirth (EU)	<b>ROOMS 1+2</b>
<b>09:15-09:45</b>	Clinical relevance of molecular imaging and biomarkers	H. Page MacAdams (USA)
<b>09:45-10:15</b>	Imaging of pulmonary inflammation	Christopher Haslett (EU)
<b>10:15-10:45</b>	Microscopy-based quantitative analysis of lung structure	Matthias Ochs (EU)
	<b>Plenary Session: LUNG CANCER</b> Moderators: Theresa C. McLoud (USA), Jeremy Erasmus (USA)	<b>AUDITORIUM I</b>
<b>11:00-11:20</b>	Pathology of lung cancer	Thomas Colby (USA)
<b>11:20-11:50</b>	Lung cancer screening: where do we stand?	Jonathan Goldin (USA)
<b>11:50-12:10</b>	Lung nodules: diagnosis, management and role of CAD	David Naidich (USA)
<b>12:10-12:30</b>	PET-CT for diagnosis, staging and follow up of lung cancer	Kyung Soo Lee (Korea)
<b>12:30-14:15</b>	<b>Scientific Session 17: LUNG CANCER</b>	<b>AUDITORIUM II</b>
<b>12:30-14:15</b>	<b>Scientific Session 18: PULMONARY INFECTIONS</b>	<b>AUDITORIUM III</b>
<b>12:30-14:15</b>	<b>Scientific Session 19: COPD/PULMONARY EMBOLISM</b>	<b>ROOM 1+2</b>
	<b>Plenary Session: PULMONARY EMBOLISM AND PULMONARY HYPERTENSION</b> Moderators: Lawrence Goodman (USA), Dirk Sostman (USA)	<b>AUDITORIUM I</b>
<b>14:15-14:45</b>	Pulmonary embolism: diagnostic strategies in different clinical contexts	Massimo Pistolesi (EU)
<b>14:45-15:15</b>	CTA of pulmonary embolism	Dirk Sostman (USA)
<b>15:15-15:45</b>	Pulmonary hypertension: imaging & function	Martine Remy Jardin (EU)
<b>15:50</b>	<b>CLOSURE</b>	<b>AUDITORIUM I</b>

# 2nd WORLD CONGRESS

OF THORACIC IMAGING AND  
DIAGNOSIS IN CHEST DISEASE



## SCIENTIFIC SESSIONS

### SCIENTIFIC SESSION 1 INTERVENTIONAL - AUDITORIUM II - SUNDAY, MAY 31 - 08:00 H.

Moderators: Jeffrey Klein, Elena Lonjedo

- 460 CT guided needle biopsy of thoracic lesions; reliable diagnostic method in diagnosis of thoracic lesions.  
Pooyeh Graili; Mehrdad, Soheyla Zahirifard
- 431 Assessment of Efficacy of Freshly Drawn Peripheral Blood Patch in Reducing the Incidence of Significant CT Guided Lung Biopsy Related Pneumothoraces.  
Morgan,PW
- 977 Lymphoma diagnosis on Computed Tomography guided needle biopsy.  
Pooyeh Graili; Mehrdad, Soheyla Zahirifard
- 115 CT Guided Transthoracic Needle Biopsy of Lung masses - focus on Pleural lesion.  
Shaukat A.
- 534 CT Guided Demonstration of the course of the Posterior Intercostal Arteries at CT angiography (CTA). Relevance to interventional radiology procedures in the chest.  
Dewhurst, C; O'Regan, K; Maher, MM
- 818 MR-thermometry during laser ablation of lung tumors using the proton resonance frequency (PRF) shift method.  
Rosenberg, C; Kühn, J; Puls, R; Hosten, N

### SCIENTIFIC SESSION 2 NEW TECHNIQUES - AUDITORIUM III - SUNDAY, MAY 31 - 08:00 H.

Moderators: H. Page McAdams, Cornelia Schaefer-Prokop

- 832 CAD system integrated in PACS workstation as concurrent reader: performance and reading time in detection of solid lung nodules.  
Maggi F; Larici AR; Caulo A; Calandriello L; del Ciello A; Ferrara F; Pirroni T; Bonomo L
- 249 Computer-aided diagnosis of pulmonary embolism: feasibility of dual-energy optimum contrast algorithm.  
Baxa, Jan; Ferda, Jiri; Schmidt, Bernhard; Flohr, Thomas; Mirka, Hynek; Kreuzberg, Boris
- 583 Computer Assisted Detection of Pulmonary Embolism: Evaluation of Pulmonary CT Angiographies Performed Outside Official Reporting Hours.  
Wittenberg, R.; Peters, J.F.; Sonnemans, J.J.; Prokop, M; Schaefer-Prokop, C.M.
- 822 Dual energy CT angiography of pulmonary embolism: Initial results with a new software algorithm highlighting vascular iodine distribution.  
Krissak, R; Henzler, T; Reichert, M; Michaely, HJ; Schoenberg, SO; Fink, C
- 839 Pulmonary metastases: evaluation of treatment response with an automated system.  
Calandriello, L.; Larici, A.R.; Molinari, F.; Farchione, A.; del Ciello, A.; Caulo, A; Maggi, F.; Bonomo, L.
- 697 Quantitative analysis of image quality and reduction in patient exposure using new post processing algorithms for Low Dose and Ultra-Low Dose Thoracic CT.  
Paul, NS; Blobel, J; Prezelj, E; Burey P; Siewerdsen J

**SCIENTIFIC SESSION 3 CORONARY IMAGING - ROOM 1 + 2 - SUNDAY, MAY 31 - 08:00 H.****Moderators: Philip Costello, Gautham Reddy, Shawn Teague**

- 692 **Abolition of respiratory motion artifact with faster acquisition time in MDCT coronary angiography: comparison between 320 and 64-row scanners.**  
Torres, F; Abadi, S; Ayyappan, A; Nguyen, E; Doyle, D; Crean, A; Menezes, R; Paul, N
- 303 **Prospective ECG gated low Dose CT Angiography with 320-MDCT.**  
Paul, N; Nguyen, E; Doyle, D; Crean, A; Bret, P
- 307 **Optimal Phase Reconstruction of Coronary Artery Segments: The Core 64 Experience.**  
Paul, N; Zadeh, A; Vavere AL; Gotleib, I; Hoe JMW; Lima, J; Clouse, M; Miller, J
- 654 **Oral or intravenous betablockers in CT coronariography. Are differences in study length?.**  
Tardáguila de la Fuente, G; Tardáguila Montero, F; Calatayud Moscoso del Prado, J; Prada González, R; Aguilar Arjona, J.A.; Castellón Plaza, D; Varela Ponte, R; Trinidad López, C.
- 1010 **Coronary CT Angiography in Patients in Atrial Fibrillation - Initial Experience with Dual Source Technology.**  
Marques, H; Gonçalves, P; Costa, N, Nuno; Sousa, P; Machado, F; Gaspar, A; Roquette, J
- 279 **Meta-analysis of In-stent stenosis (>50%) using 64-slice cCTA compared with Coronary Angiography.**  
Schiebler, ML; Francois, C; Reeder, SB; Bley, T; Sasse, M; Tudorascu, D; Grist, TM
- 704 **CT Angiography: Comparison between Asymptomatic and Symptomatic Group.**  
Kim Y; Park H; Hwang Y
- 436 **Meta-analysis of 64-slice Computed Tomographic Angiography (cCTA) versus Coronary Angiography (CA) in the determination of coronary artery stenosis.**  
Schiebler, ML; Francois, C; Reeder, SB; Bley, T; Lindstrom, M; Keevil, J; Grist, TM
- 423 **Clinical relevance of coronary CTA in preoperative evaluation of patients undergoing non-coronary cardiac surgery.**  
García Alba, C; Hidalgo, A; Catalan, P; Leta, R; de Antonio, M; Pons, G; Alomar, X
- 730 **Comprehensive preoperative workup of patients with suspected lung cancer by functional MRI and ECG-gated 64-slice Dual-Source CT of the chest to evaluate cardiopulmonary status.**  
Heye, T; Ley, S; Schlieter, M; Heussel, C; Dienemann, H; Kauczor, H-U; Hosch, W
- 768 **Preoperative Evaluation of Aortic Stenoses Using 64-Slice CT Angiography.**  
Galea, Nicola; Carbone, Iacopo; Ciolina, Federica; Cannata, David; Cannavale, A; Cannavale, G; Catalano, Carlo; Passariello, R
- 785 **Characterization of coronary atherosclerotic plaques on chronic total occlusions by 64-MDCT. Implication in the selection of patients for percutaneous revascularization.**  
Solá Gracia, M; Hidalgo, A; Barros, A; Leta, R; Pujadas, S; Franquet, T; Carreras, F; Pons, G
- 811 **Improved Detection of Coronary Artery Calcifications Using Dual-Energy Subtraction Imaging 14.**  
Sabol, J; Lazebnik, R.S.; Sachs, P.B.; Gilkeson, R.C.
- 893 **Improved An objective method to quantify coronary calcium burden on cardiac gated contrast enhanced CT angiograms.**  
McKee, B; Morris, A; Wald, C; Ulano, A; Flacke, S
- 309 **Quantitative Assessment of Percentage of Lung Parenchyma Visualized on Coronary CT Angiography.**  
Fantauzzi, J; MacArthur, A; Jeudy, J; White, C

**SCIENTIFIC SESSION 4 CARDIOVASCULAR IMAGING - ROOM 1 + 2 - SUNDAY, MAY 31 - 16:00 H.****Moderators: Albert De Roos, Fernando Gutiérrez, Charles White**

- 422 **Usefulness of coronary CTA for the evaluation of coronary artery disease prior to non-coronary cardiac surgery in patients with atrial fibrillation.**  
García Alba, C; Hidalgo Perez, A; Leta, R; Catalan, P; de Antonio, M; Pons, G; Alomar, X
- 524 **Usefulness of CT coronary angiography in patients with negative or intermediate exercise electrocardiographic stress test.**  
de Juan, C; Balaguer, J; Gijón, L; Mora, L
- 337 **MDCT of coronary arteries a cost- effective way of ruling- out significant pathology.**  
de Juan, C; Balaguer, J.
- 775 **CT coronary angiography: determinants of image quality.**  
Argentieri, G; Byrne, JA; Janssen, C; Al-Fakih, K; Hill, JM; Desai, SR
- 924 **Ex Vivo Coronary Atherosclerotic Plaque Characterization: Comparison of Dual-Source and Dual Energy CT with 16-Row Multi Slice CT and Histopathology.**  
Henzler, T., Krissak, R., Reichert, M., Michaely, H.J., Schoenberg, S.O., Fink, C.

789	<b>Heart Rate Variability following Intravenous Contrast Injection at CT Coronary Angiography.</b>
	Murphy, BD, S; McErlean, A; Lawler, LP
487	<b>Assessment of Left Ventricular Enlargement at MDCT.</b>
	Chen, JS; Ordovas, K; Win, S; Higgins, CB
1025	<b>Normal Myocardial Enhancement on 64-slice CT.</b>
	Stanton CL; Jain VR; Travin MI; Levsky JM; Burton WB; Jacobi AH; Haramati LB
982	<b>Use of Cardiac Multislice-CT in follow up of patients after aortic valve replacement with Ross procedure. (Preliminary data).</b>
	Kreuzer, S. H.; Wolf, F.; Seebacher, G.; Weber, M.; Herold, C. J.; Simon, P.
555	<b>Three-dimensional CT reconstruction: a new diagnostic modality in Total anomalous pulmonary venous connection.</b>
	Tammo R.; Yalynska T.; Rakitskaya N.; Ershova E.; Yemets I.
559	<b>MDCT assessment of the pulmonary arteries and MAPCAs in pulmonary atresia: in compare with angiographic and surgical findings.</b>
	Tammo R.; Yalynska T.; Rakitskaya N.; Ershova E.; Yemets I.
151	<b>A comparison of the reliability of CT and echocardiographic signs for predicting pulmonary hypertension.</b>
	Devaraj, A; Meister, M; Corte, T; Wort, J; Wells, AU; Hansell, DM
200	<b>CT signs of pulmonary hypertension predict mortality in patients with bronchiectasis.</b>
	Devaraj, A; Wells, AU; Meister, M; Corte, T; Wort, J; Hansell, DM
166	<b>The prognostic significance of CT signs of pulmonary hypertension in patients with idiopathic pulmonary fibrosis.</b>
	Devaraj, A; Wells, AU; Meister, M; Corte, T; Wort, J; Hansell, DM
464	<b>Pulmonary intravascular tumor emboli: A 10-year experience.</b>
	Healey, T; Abbott, GF; Wu, C; Shepard, JO
681	<b>Cardiac MR imaging in evaluation of aortic regurgitation.</b>
	Casado, A; Cabeza, B; Bustos, A; Ferreiros, J; Fernández-Golfín, C; Corros, C
377	<b>Detection of complications of apical hypertrophic cardiomyopathy by cardiovascular MRI: comparison with electrocardiography, echocardiography and radionuclide myocardial perfusion.</b>
	Ayyappan, AP; Crean, AM; Doyle, DJ; Sparrow, PJ; Menezes, RJ; Torres, F; Abadi, S; Paul, NS
869	<b>Detection of pulmonary embolism using 64-slice multidetector-row computed tomography: accuracy and reproducibility on different image reconstruction parameters.</b>
	Jung, JI; Kim HR; Park HJ; Lee BY; Kim KJ; Ahn MI; Song SW; Park SH

#### SCIENTIFIC SESSION 5 ASTHMA AND CYSTIC FIBROSIS - AUDITORIUM II - SUNDAY, MAY 31 - 17:40 H.

**Moderators: Philippe A. Grenier, Maria Luigia Storto**

455	<b>Time required for developing remodeling in asthma, a study using high resolution computed tomography.</b>
	Mirsadraie, M; Naghibi Saeed; Hashemi Attar; Nazari Lina
846	<b>Comparative Emphysema Quantitative Analysis on Low-dose Chest CT in Smokers and Non-smokers with previous Asbestos Exposure.</b>
	McGregor, A; Roberts, Heidi; Dong, Zhi; Patsios, Demetris; Weinheimer, Oliver; Heussel, Claus; Menezes, Ravi
1002	<b>HRCT Analysis of Bronchiectasis in Alpha-1 Antitrypsin Deficiency: Assessment of Findings in 30 Patients.</b>
	Mergo, PJ; Brantly, M; Cernigliaro, JG; McComb, BL; Jolles, H; Leong, A; Schreck, P
618	<b>Bronchiectasis on chest Computed Tomography (CT) is a strong predictor of respiratory tract exacerbations in cystic fibrosis (CF).</b>
	Loeve, M; Gerbrands, K; Hop, W; Rosenfeld, M; Tiddens, H
748	<b>MRI Scoring Chest System in patients with cystic fibrosis (CF).</b>
	Mennini, M; Fraioli, F; Serra, G; Catalano, C; Passariello, R
660	<b>The use of low-dose CT is the assessment of cystic fibrosis patients with normal lung function tests but chronic pseudomonas colonisation.</b>
	O'Connor,OJ; Dewhurst,C; O'Regan,K; McGarrigle,AM; Vandeleur,M; O'Neill,M; Cronin,M; Maher,M
607	<b>Magnetic-resonance-imaging (MRI) for early diagnosis of Lung changes in Children with Cystic fibrosis (CF).</b>
	Eichinger, M; Niemann, A; Haeselbarth, J; Kauczor, H-U; Mall, M; Puderbach, M

**SCIENTIFIC SESSION 6 PULMONARY EMBOLISM - AUDITORIUM III - SUNDAY, MAY 31 -17:40 H.****Moderators: Yasuo Nakajima, Martine Remy-Jardin**

- 1009 **Dual energy CT Angiography to diagnose pulmonary embolism and lung perfusion - initial experience.**  
Marques, Hugo; Ferreira, Daniel; Costa, Nuno; Teixeira, Ruben; Teixeira, Mónica; Gaspar, Augusto; Roquette, José
- 673 **Dual energy CT pulmonary angiography – technique, dosimetry and imaging findings in patients with chronic thromboembolic pulmonary hypertension.**  
Hoey, E; Gopalan, D; Scream, NJ
- 208 **Correlation Between Pulmonary Arterial Computed Tomography Obstruction index Ratio and Geneva Clinical Probability in Pulmonary Thromboembolism.**  
Cildag M Burak; Karaman Z Can; Unsal Alparslan
- 435 **Prediction of outcome in patients with acute pulmonary embolism: development of a clinico-radiological composite risk score**  
Engelke, C; Spiecker Genannt Dömann, F; Kertesz, A; Rummeny, E J.; Marten, K
- 605 **Prospective validation of a clinico-radiological composite risk score for prediction of outcome in patients with acute pulmonary embolism.**  
Kertesz, A; Marten, K; Spiecker Genannt Dömann, F; Konstantinides, S; Engelke, C
- 467 **Volumetric Analysis of Non-Electrocardiography-Gated Chest-CTA for the Assessment of Right Ventricular Function in Patients with Acute Pulmonary Embolism.**  
Henzler, T; Krissak, R; Reichert, M; Michaely, H.J.; Schoenberg, S.O.; Fink, C.
- 761 **Right ventricular ejection fraction measured by Electrocardiography-synchronized multi-detector row CT angiography predicts clinical outcome in patients with acute pulmonary embolism.**  
N. Van der Bijl; F.A. Klok; A. de Roos; M.V. Huisman; L.J.M. Kroft
- 830 **Venous thromboembolism: additional diagnostic value of CT venography of the pelvis and upper thighs in patients with suspected pulmonary embolism.**  
Reichert, M; Henzler T.; Krissak R.; Huck K.; Schoenberg S.O.; Fink C.

**SCIENTIFIC SESSION 7 FUNCTIONAL IMAGING - AUDITORIUM II - MONDAY, JUNE 1 - 08:00 H.****Moderators: Alexander Bankier, Eric Hoffman**

- 259 **Evaluation of Tracheomalacia (TM) with 320-row MDCT: Initial Experience.**  
Wagnetz, U; Roberts, H; Demetris, P; Chung, TB; Chapman, KR; Paul, N
- 514 **Dual Energy CT for the Assessment of Lung Morphology, Ventilation and Perfusion.**  
Thieme, SF; Nikolaou, K; Högl, S; Fisahn, J; Irlbeck, M; Reiser, MF; Becker, CR; Johnson, TRC
- 120 **Hyperpolarized 3He MR Imaging of the Lung: Normal Range of Ventilation Defects and PFT Correlation in Young Adults.**  
Lee, E; Sun, Y; Zurakowski, D; Hatabu, H; Khatwa, U; Albert, M
- 649 **Improvements in Multislice Oxygen-Enhanced MRI of the Lung Using Fully Automatic Non-Rigid Image Registration.**  
Molinari, F; Puderbach, M; Bauman, G; Bonomo, L; Kauczor, H-U
- 828 **Oxygen-Enhanced Multislice Parallel Imaging of the Lung: Optimization of acquisition techniques and postprocessing algorithms.**  
Nikolaou, K; Maxien, D; Thieme, S; Reiser, MF; Dietrich, O
- 526 **Preliminary Results from a Non-Randomised, Early Phase Study of the Safety and Tolerability and Imaging Feasibility of Polarized Xenon Inhalation in Magnetic Resonance Imaging of the Lungs in Healthy.**  
Martinez, S; McAdams, H P; Driehuys, B; Kraft, M; Metz, G; Wolber, J; Gordon, P; Cleveland, Z

**SCIENTIFIC SESSION 8 INTERVENTIONAL - AUDITORIUM III - MONDAY, JUNE 1 - 08:00 H.****Moderators: Juergen Biederer, Fergus Gleeson**

- 866 **Pulmonary Radiofrequency Ablation of Primary and Metastatic Lung Tumors.**  
Lassandro F; Maiorino A; Massimo M; Urciuolo S; Valente T; Muto R
- 117 **Technical aspects in Radiofrequency ablation of small lung metastases (≤15mm).**  
Oliver Goldaracena, J.M.; Hernández Cabrero, M.T.; Armijo Astrain , J; Cuartero Revilla, V; Olmedilla Arregui, P; Alonso Roca, S; Martel Villagran, J; De la Cruz , RA
- 713 **CT guided percutaneous cryoablation of thoracic tumors: technical feasibility, early efficacy and imaging of 27 treated tumors.**  
Abtin, F; Ali Golshan; Robert D Suh
- 958 **CT-fluoroscopy guided vs. multislice CT biopsy mode guided lung biopsies: Accuracy, complications and radiation dose.**  
Prosch, Helmut; Schilling, Matthias; Stadler, Alfred; Eisenhuber, Edith; Oschatz, Elisabeth; Mostbeck, Gerhard

629	<b>Laser ablation of metastatic disease in the lung: Long-term outcome.</b>
	Rosenberg, C; Bock, K; Hegenscheid,K; Hosten,N
624	<b>Outcome after laser ablation of lung metastases - role of tumor entity.</b>
	Rosenberg; Bock, K; Hosten,N

**SCIENTIFIC SESSION 9 DIFFUSE INFILTRATIVE LUNG DISEASE - ROOM 1 + 2 - MONDAY, JUNE 1 - 08:00 H.  
Moderators: David Hansell, Ki-Nam Lee, Talmadge King Jr.**

384	<b>Idiopathic pulmonary fibrosis: spectrum of HRCT appearances of diagnostically misleading cases.</b>
	Sverzellati, N; Wells, AU; Tomassetti, S; Desai, SR; Copley, SJ; Aziz, ZA; Zompatori, M; Hansell, DM.
807	<b>Can HRCT coronal images have a role in patients with idiopathic pulmonary fibrosis?.</b>
	Mereu M.; D'Ambrosio P.; Marinari S.; Mantini C.; De Nicola E.; Storto M.L.
402	<b>Differentiating idiopathic pulmonary fibrosis from interstitial lung disease of collagen vascular disease on high resolution CT.</b>
	Lydell, C.P.; Kim, E.J.; Collard, H.R.; Webb, W.R.; Elicker, B.M.
355	<b>Lung cancer associated with connective tissue diseases on CT.</b>
	Honda O; Yanagawa M; Kikuyama A; Yoshida S; Sumikawa H; Inoue A; Tomiyama N; Nakamura H
847	<b>Pulmonary fibrosis in connective tissue diseases: correlation of HRCT scores with pulmonary hypertension.</b>
	Oikonomou, A; Dimitrova, K; Chatzistefanou, A; Astrinakis, E; Tzouvelekis, A; Galanopoulos; Bouros, D; Prassopoulos, P
382	<b>A method for optimizing observer agreement for HRCT signs of airways and interstitial lung disease.</b>
	Sverzellati, N; Devaraj, A; Desai, SR; Quigley, M; Wells, AU; Hansell, DM
701	<b>Computational Analysis of HRCT for characterization and differentiation of ILD and COPD.</b>
	Barbosa, E; Song, G; Tustison, N; Torigian, D; Kreider, M; Koo, C; Gefter, W; Gee, J
852	<b>Texture-based automated quantification of interstitial lung disease: correlation with the visual score.</b>
	Recheis, W; Huttary, R; Ruiu, A; Jaschke, W; Zompatori, M; Sverzellati, N
218	<b>Quantitation of Pulmonary Alveolar Proteinosis, Pre- and Post-Lavage: A Feasibility Study.</b>
	Cook, T; Barbosa, E; Tustison, N; Song, G; Torigian, D; Koo, C; Gefter, W; Gee, J
1014	<b>High resolution CT and histology of idiopathic pleuroparenchymal fibroelastosis: features and differential diagnosis.</b>
	Piciucchi, Sara; Casoni, Gianluca; Carloni, Angelo; Tomassetti, Sara; Romagnoli, Chilosì, Marco; Gavelli, Giampaolo; Poletti, Venerino
637	<b>Birt-Hogg-Dubé syndrome; Thin-section CT findings of the chest in 12 patients.</b>
	Tobino Kazunori; Ayano Kikuyama; Atsuo Inoue; Hiromitsu, S; Osamu Honda; Takeshi Johkoh; Noriyuki Tomiyama; Kuniaki Seyama
795	<b>Imaging findings in the thorax in gaucher disease.</b>
	Hadas-Halpern, I.; Elstein, D.; Deeb, M.; Zimran, A.
255	<b>The findings of HRCT of the lung in chemical warfare veterans with previous sulfur mustard (SM) gas exposure.</b>
	Mirsadraee Majid; Hashemi Altar; Mirsadraee Majid
299	<b>A computed tomography (CT) score for paediatric stem-cell transplantation: observer agreement and prevalence and severity of disease.</b>
	de Jong, P.A.; Versluys, A.B.; Beek, F.J.; Prokop, M.; Boelens, J.J.
928	<b>Air trapping in Wegner's granulomatosis: an additional finding in chest HRCT</b>
	Detorakis E.E; Maghanas E; Nikolakopoulos, I; Gourtsoyanni, S; Linardakis H; Sidiropoulos P; Boumpas D; Gourtsoyannis, N
266	<b>A computed tomography (CT) score for sarcoidosis: observer variation and relation with lung function.</b>
	de Jong, P.A.; v/d Heuvel, D.; de Jong, H.; Grutters, J.C.; v/d Bosch, J.M.; v Es, H.W.; v Heesewijk, J.P.; Prokop, M.

**SCIENTIFIC SESSION 10 CAD/FUNCTIONAL IMAGING - ROOM 1 + 2 - MONDAY, JUNE 1 - 16:30 H.  
Moderators: Jin Mo Goo, Heber MacMahon, Shuji Sakai**

790	<b>Computer-Aided Detection (CAD) of Actionable Pulmonary Nodules on Chest Radiographs: Performance Analysis of Multiple Systems.</b>
	Meziane, Moulay
752	<b>Detection of small solid pulmonary lesions on digital chest radiographs: could we profit from computer-aided detection?.</b>
	de Boo, D.W.; Uffmann, M.; Bipat, S.; Scheerder, M.J.; Freling, N.J.M.; Schaefer-Prokop, C.M.
489	<b>Computer-aided Diagnosis System in the Detection of Malignant Lung Nodules on Chest Radiograph: Effect on Observers' Performance.</b>
	Goo, JM; Park, CM; Lee, HJ; Lee, IS; Kang, MJ; Jin, KN

609	<b>Improved detection of pulmonary nodules on energy-subtracted chest radiographs: use of a computer-aided diagnosis software and comparison with human observers.</b> Z. Szucs-Farkas; M.A. Patak; S. Yueksel-Hatz; T. Ruder; P. Vock
642	<b>Computer-Aided Detection (CAD) of Actionable Pulmonary Nodules on Chest Radiographs: A Multi-Reader Retrospective Study.</b> Meziane, Moulay
650	<b>Improved Detection of Lung Cancers with a Specialized Dual Energy Subtraction Chest Radiography CAD System.</b> Tylen U; Moore, E H; Seibert, J A; Kane, P; Alvarez, R E
443	<b>Improved A meta-analysis of the literature about pulmonary nodules computer-aided-detection by comparing CT low dose protocols and CT normal dose protocols.</b> Saba, Luca; Mallarini, Giorgio
747	<b>CT Volumetry of Pulmonary Nodules: Comparison of two Postprocessing Solutions.</b> BA; VP
462	<b>In vivo repeatability of automatic volume calculation of small pulmonary nodules with computed tomography.</b> Rampinelli Cristiano; De Fiori Elvio; Raimondi Sara; Veronesi Giulia; Bonello Luke; Bellomi Massimo
652	<b>Volumetry of solid and non solid artificial lung nodules on MDCT: precision of automated measurements across different software packages.</b> Larici, A; del Ciello A; Maggi F; Danza FM; Bock E; Bonomo L
410	<b>Reducing the number of thin-section CT images of the chest by using wider reconstruction intervals: effects on image quality of multiplanar and 3D reformations and lung nodule volumetry results.</b> Bartalena T; Rinaldi MF; Bracciali L; Sverzellati N; Mattioli S; Battista G; Zompatori M; Canini R
305	<b>Objective evaluation of lung morphology on thin-section CT using fractal dimension analysis: a comparative study between &gt;75 and &lt;55 year old individuals.</b> Copley, S; Giannarou, S; Schmid, V; Hansell, DM; Yang, GZ
567	<b>Comparison of automated 4-chamber cardiac views versus axial views for measuring right ventricular enlargement on CT-A of patients with pulmonary embolism.</b> Van de Logt, V.; Wittenberg, R.; Peters, J.F.; Sonnemans, J.J.; Vlassenbroek, A; Coche, E.
590	<b>Impact of image quality on the performance of a Computer Assisted Detection prototype for pulmonary embolism.</b> Wittenberg, R.; Peters, J.F.; Sonnemans, J.J.; Bipat, S.; Prokop, M.; Schaefer-Prokop, C.M.
379	<b>Four-Dimensional Whole Lung CT using Retrospective Respiratory Gating Technique.</b> Hiromitsu Sumikawa; Masahiro Yanagawa; Atsuo Inoue; Shigeyuki Yoshida; Osamu Honda; Takeshi Johkoh; Noriyuki Tomiyama; Hironobu Nakamura
674	<b>Tracheal Collapsibility of Healthy Volunteers During Forced Expiration.</b> Boiselle, Phillip M; O'Donnell, Carl R; Bankier, Alexander; Ernst, Armin A; Millett, Mary; Loring, Stephen H

#### SCIENTIFIC SESSION 11 MEDIASTINUM/PLEURA - AUDITORIUM II - MONDAY, JUNE 1 - 18:10 H.

**Moderator: Irena Tocino**

500	<b>Thymic mediastinal masses: incidence, clinical and CT imaging findings.</b> Izquierdo Sancho C; Barcina García E.; Ramos González M.J.; García Morena A.; Quintana Valcarcel P.; Álvarez Sanz C.
536	<b>Thymoma size is not a predictor for extracapsular invasion.</b> Marom, EM; Swisher, SG; Kim, ES; Moran, C
425	<b>Thymic tissue on the thymus area in patients older than 40 years old as an incidental finding, what should we do with it?.</b> Esteban-Peris, A; Aullo-Gonzalez, C; Martin-Baron, S; Duran-Poveda, M; Martin-Gallardo, T; Gómez-Santos, D
987	<b>Radiological chest wall deformity in patients with primary spontaneous pneumothorax.</b> Deeb, M; Silberman, S.; Hadas-Halpern, I.
808	<b>Malignant Pleural Mesothelioma: role of MDCT in the diagnosis and prediction of surgical resectability.</b> Feragalli, B; Di Mizio V.; Patea R.L.; Pardolesi A.; De Filippis F; Storto M.L.

#### SCIENTIFIC SESSION 12 PULMONARY MANIFESTATIONS OF SYSTEMIC DISEASE - AUDITORIUM III - MONDAY, JUNE 1 - 18:10 H. Moderators: Sujal Desai, Athol Wells

997	<b>Interstitial lung disease in patients with biopsy-proven autoimmune myositis related to anti-synthetase (anti-JO1) syndrome: CT findings and patterns.</b> DL Touitou; AL Brun; A Stivalet; O Benveniste; PA Grenier; C Beigelman
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558	<b>High-resolution CT patterns in collagen vascular disease: a comparison of findings between rheumatoid, scleroderma, myositis and mixed connective tissue diseases.</b>
	Lydell, C.P.; Kim, E.J.; Collard, H.R.; Webb, W.R.; Elicker, B.M.
981	<b>Quantification of interstitial lung disease extent in collagen vascular disease: Preliminary results exploiting a pattern based CAD system.</b>
	Kazantzi Alexandra; Korfiatis Panagiotis; Skiadopoulos; Daoussis Dimitris; Petsas Theodoros; Costaridou Lena; Kalogeropoulou Christina
340	<b>The role of autoantibodies in the morphology of fibrotic lung disease in patients with overlap connective tissue disease.</b>
	Quigley, M; Devaraj,A.; Sverzellati,N.; Wells,A.U.; Hansell,D.M.
951	<b>Imaging findings of pulmonary involvement in systemic amyloidosis.</b>
	Filograna E.; Di Girolamo M.; Pierleoni M.; Di Renzi P.; Bocina V.; Della Longa G.; Bellelli A.

### SCIENTIFIC SESSION 13 NEW TECHNIQUES - ROOM 3 + 4 - MONDAY, JUNE 1 - 18:10 H.

**Moderators: Yoshiharu Ohno, Johnny Vlahos**

470	<b>Needle image plates compared to conventional CR in chest radiography: How much dose reduction is possible?.</b>
	Kulemann, V; Pötter-Lang, S; Gruber, M; Berger, R; Vonbank, K; Weber, M; Uffmann, M
647	<b>Diagnostic Performance of a New Dual-Energy Chest Imaging System: ROC Analysis.</b>
	K,H; V,C; G,G; P,N; V,R; Y,J; S,J
412	<b>Impact of Incidental abdominal findings on Chest-CT in patient care.</b>
	Calatayud Moscoso del Prado, J; Trinidad, C; Castellón, D; Prada, R; Varela, R; Tardáguila, G; Delgado, C; Fernandez, G
989	<b>Feasibility of MR-fluoroscopy in patients with amyotrophic lateral sclerosis and respiratory involvement. Correlation with pulmonary function tests.</b>
	Hidalgo A; Puy C; Anton PA; Guell R; Pajares V; Giménez AM; Franquet T
645	<b>Probing Lung Microstructure at the Alveolar Level using in vivo Lung Morphometry with Hyperpolarized 3He Diffusion MRI.</b>
	Yablonskiy, DA; Quirk, JD; Luttey, B; Woods, JC; Sukstanskii, AL; Castro, M; Conradi, MS; Gierada, DS

### SCIENTIFIC SESSION 14 COPD - AUDITORIUM II - TUESDAY, JUNE 2 - 08:00 H.

**Moderators: James Crapo, Anastasia Oikomou, Santiago Rossi**

395	<b>Global and regional airway obstruction in patients with severe homogeneous emphysema: quantitative analysis of volumetric paired thin section multi detector computed tomography scans and pulmonary fun.</b>
	Grgic, A; Wilkens, H; Kuhnigk, J-M; Kubale, R; Buecker, A
461	<b>Accuracy of Emphysema Quantification Using Reduced Numbers of CT Sections.</b>
	Pilgram, TK; Quirk, JD; Bierhals, AJ; Yusen, RD; Lefrak, SS; Cooper, JD; Gierada, DS
967	<b>Chest x-ray findings in different Phenotypes, GOLD stages and BODE scores of Chronic Obstructive Pulmonary Disease (COPD).</b>
	Camiciottoli, G; Cavigli, E; Meoni, E; Bigazzi, F; Bartolucci, M; Mascalchi, M; Pistolesi, M
383	<b>Bronchial diverticula in smokers on thin-section CT.</b>
	Sverzellati, N; Ingegnoli, A; Calabré, E; Randi, G; Kuhnigk, JM; Hansell, DM; Zompatori, M; Pastorino, U
1011	<b>Understanding and validating the volume dependence of acinar geometry by 3He MR imaging.</b>
	Woods, JC; Hajari, AH; Yablonskiy, DA; Quirk, JD; Sukstanskii, AL; Conradi, MS; Pierce, RA; Deslee, G
779	<b>Relationship between emphysema and lung cancer risk: preliminary results.</b>
	Sverzellati, N; Calabré, E; Randi, G; La Vecchia, C; Krass, S; Zompatori, M; Kunighk, JM; Pastorino, U

### SCIENTIFIC SESSION 15 RADIATION DOSE - AUDITORIUM III - TUESDAY, JUNE 2 - 08:00 H.

**Moderators: Denis Tack, Takeshi Johkoh**

986	<b>Radiation dose reduction with adaptive statistical iterative reconstruction.</b>
	Prakash, Priyanka; Kalra, Mannudeep; Digumarthy; Shepard, Jo-Anne; Gilman, Matthew D.
367	<b>Can adaptive filters help reduce radiation dose for follow up chest and abdominal CT in children?</b>
	Singh, S; Jagtiani Sangwaiya, M; Kalra, Mk; Westra, SJ; Moore, M
369	<b>Two-dimensional image filters for reducing radiation dose for multidetector chest CT: A double blinded study.</b>
	Singh, S; Jagtiani Sangwaiya, M; Sharma, A; Digumarthy, S R; Sjoberg, J; Shepard, J O; Kalra, MK

533	<b>Is weight based adjustment of automatic exposure control necessary for reduction of chest CT radiation dose?.</b>
	Prakash, Priyanka; Kalra, Mannudeep; Digumarthy, Singh, Sarabjeet; Shepard, Jo-Anne; Gilman, Matthew D.
703	<b>3D Automatic Exposure Control on 64-Detector Row Chest CT: Dose Optimization for Focal Ground Glass Opacity and Nodule Assessments in Chest Phantom Study.</b>
	Matsumoto, K; Ohno,Y; Koyama,H; Kono,A; Nogami,M; Onishi,Y; Takenaka,D; Sugimura,K
530	<b>Reduction of cumulated radiation exposure in chest-CT-scans of patients with pulmonary fungal infection.</b>
	Christe A; Lin M; Yen A; Fleischmann D; Leung A; Vock P; Roos JE

#### SCIENTIFIC SESSION 16 PET IMAGING/BIOMARKERS - ROOM 1 + 2 - TUESDAY, JUNE 2 - 08:00 H.

**Moderators: Reginald Munden, Peter Vock**

611	<b>Primary Adenocarcinomas of the Lung: Relationship between Imaging Features and EGFR Gene Mutation and EGFR Gene Copy Number Status.</b>
	Lee HJ; Kim YT; Goo JM; Lee CH; Park CM
254	<b>Lung Adenocarcinoma as a Solitary Pulmonary Nodule: Prognostic Determinants of CT, PET, and Histopathologic Findings.</b>
	H.Y.L; J.H; K.S.L; J.Y.K; S.Y.J; B.T.K; H.S.H
397	<b>FDG-PET based GTVS for radiotherapy planning of lung cancer: is there any influence of registration method on volume size?.</b>
	Grgic, A; Nestle, U; Schaefer, A; Kremp, S; Moca, N; Kirsch, C-M
710	<b>Non-Small Cell Lung Cancer: Compared Efficacy of Postsurgical Recurrence Assessment Between Whole-Body Integrated FDG-PET/CT and Standard Radiologic Method.</b>
	Yumiko Onishi; Yoshiharu Ohno; Hisanobu Koyama; Munenobu Nogami; Daisuke Takenaka; Keiko Matsumoto; Sumiaki Matsumoto; Kazuro Soutogimura
492	<b>Unexpected findings of the thorax in 18FDG-PET/CT.</b>
	Kööbi, L; Järvenpää, R; Luukkaala, T; Soimakallio, S
824	<b>Respiration-correlated 4D Positron Emission Tomography of the Lung: Imaging Quality and Quantification of Nodule Activity in a ventilated Ex-vivo System.</b>
	Biederer, J; Dinkel, J; Ullrich, M; Luetzen, U; Kaeplinger, S; Zeintl, J; Kuwert, T; Bianco, J

#### SCIENTIFIC SESSION 17 LUNG CANCER - AUDITORIUM II - TUESDAY, JUNE 2 - 12:30 H.

**Moderators: Stefan Diederich, Kyung Soo Lee, Katerina Malagari**

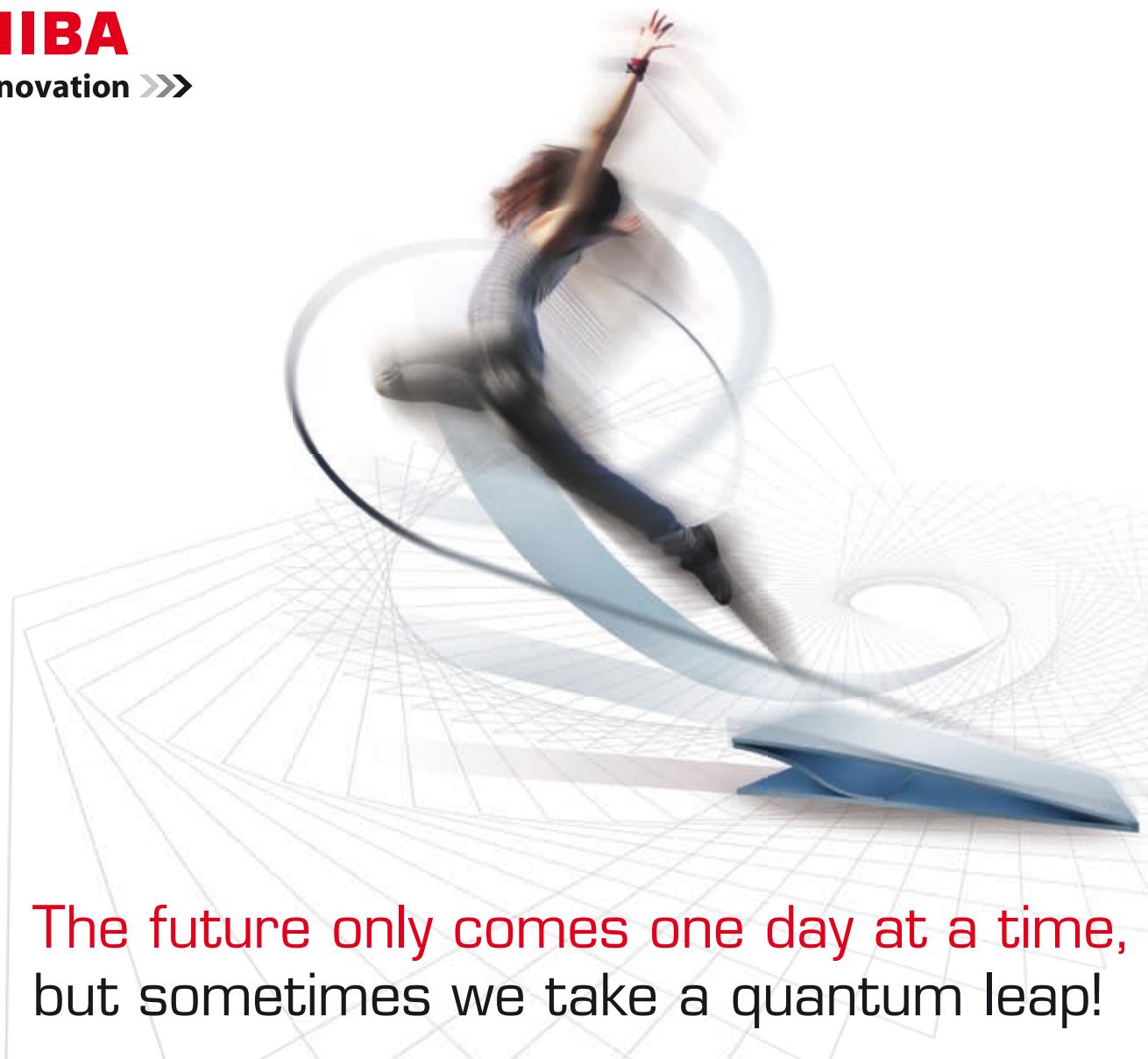
285	<b>Screening for Lung Cancer and Mesothelioma in workers with prior exposure to Asbestos using Low Dose Computed Tomography(LDCT): The Toronto experience so far.</b>
	Patsios D; Dong G; Paul N; Chung TB; Herman S; Weisbrod G; De Perrot M; Roberts H
458	<b>CT Imaging Quality Assurance in the Lung Screening Study Component of the National Lung Screening Trial: Implications for Multicenter Imaging Trials.</b>
	Gierada, DS; Garg, K; Nath, H; Strollo, DC; Fagerstrom, RM; Ford, M
228	<b>Evaluation of a computer aided detection software for pulmonary nodules on chest radiograph.</b>
	Cakirdas Murat; Ihoste Agnes; Daffaud Pierre; Roche Antoine; Brehant Julien; Michel Magalie; Camara Pierre Yves; Michel Jean Luc
276	<b>MR perfusion in evaluating treatment response of chemotherapy in advanced non-small cell lung cancer.</b>
	Chang, YC; Yang, CH; Yu, CJ; Hsu, HH; Chen, CM; Tseng, WY; Yang, PC
274	<b>Focal ground-glass opacities in non-small cell lung carcinoma resection patients.</b>
	Koo, CW; Miller Jr., WT; Kucharczuk, JC
953	<b>Evaluating the effectiveness of a rapid-access referral system (GO27) for suspected intrathoracic malignancy on plain chest radiography.</b>
	Karthik, Shishir; Joseph, Jooly; Kon, Mark
668	<b>Lung Perfusion with Dual Energy CT in patients with lung cancer.</b>
	Mennini M.L.; Fraioli, F; Serra, G; Catalano, C; Passariello, R
318	<b>3D perfusion of malignant pulmonary nodule on Computed tomography in the follow up after radiation therapy: a feasibility study.</b>
	Ilsen, B; Vandebroucke, F; de Mey, J
665	<b>Lung cancer and anti-neangiogenetic therapy: evaluation of tumor response after treatment with perfusional studies on dual source CT.</b>
	Mennini; Mennini, ML; Bertoletti, Linda; Serra, G; Catalano, C; Passariello, R
930	<b>Small cell lung cancer (SCLC): enlargement of mediastinal lymph nodes on CT as an indicator of prognosis.</b>
	Wong, HY; Rozenshtain A; Pearson GD; Raftopoulos H; Austin JHM

**SCIENTIFIC SESSION 18 PULMONARY INFECTIONS - AUDITORIUM III - TUESDAY, JUNE 2 - 12:30 H.****Moderators: Eva Castañer, Tomas Franquet, Jung-Gi Im**

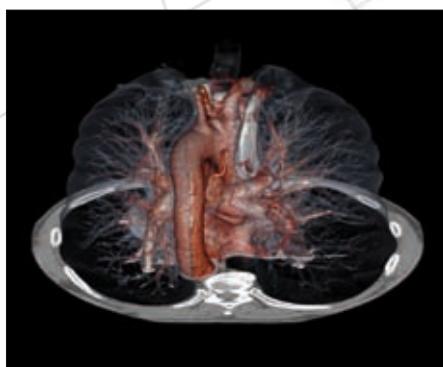
- 769 **Diagnostic yield from microbiological tests in patients with a tree-in-bud pattern: a CT-based study.**  
Edey, AJ; Land, D; Hansell, DM; Wells, AU; Mufti, GJ; Barker, RD; Desai, SR
- 727 **Diagnostic criteria and radiological followup of extrapulmonary tuberculosis.**  
Heye, Tobias; Stojkovic, Marija; Junghanss, Thomas; Kauczor, Hans-Ulrich; Hosch, Waldemar
- 711 **CT Features of Pulmonary Atelectasis in Patients with Endobronchial Tuberculosis: Can we predict its re-expansion?.**  
Lee, JY; Yi, CA; Kim, TS; Kim, H; Lee, KS; Kwon, OJ; Chung, MJ
- 258 **CT features of mycobacterium xenopi lung disease in immunocompetent patients.**  
Wagnetz, U; Demetris, P; Marras, T; Weisbrod, GL
- 328 **Pulmonary Mycobacterium avium intracellulare Infection: Frequency of CT Radiographic Patterns.**  
Lau CT; Miller Jr WT
- 344 **Influence of Host Immunosuppression on CT Findings in Invasive Pulmonary Aspergillosis.**  
Marom, E; Milito, MA; Lewis, RE; Liu, P; Kontoyiannis, DP
- 722 **A comparison of the Revised and Old EORTC/MSG criteria for assessing probability of invasive fungal infection: The changes in radiological criteria.**  
Suaris, T; Vinnicombe, SJ; Agrawal, SG; Doffman, S; Ellis, S
- 733 **Atypical radiological findings of pulmonary hydatid cyst in a series of 1024 surgically confirmed patients.**  
Mirsadraie, M; Hagh, SZA; Vaziri, MS; Naghibi, S; Mirsadraee, S; Robertson, R
- 772 **Radiographic patterns of lung disease in older children and adolescents with vertically-transmitted human immunodeficiency virus (HIV) infection.**  
Desai, SR; Copley, SJ; Barker, RD; Elston, CM; Miller, RF; Wells, AU; Corbett, EL; Ferrand, RA
- 646 **The Frequency of Post-Therapy Ablation Zone Infection in Lung Tumours treated with Radiofrequency Ablation.**  
Dalal, P U; Gillams, A

**SCIENTIFIC SESSION 19 COPD/PULMONARY EMBOLISM - ROOM 1 + 2 - TUESDAY, JUNE 2 - 12:30 H.****Moderators: Carole Dennie, Jonathan Goldin, Hans-Ulrich Kauczor**

- 107 **Assessment of illness severity in patients with COPD using computed tomography: Correlation with lung functional testing.**  
Sandra P; Gulkin D; Feuerlein S; Muche R; Krueger S; Dharaiya, E; Brambs H-J; Hetzel M
- 368 **Whole-lung densitometry vs visual assessment of emphysema.**  
Cavigli E; Camiciottoli G; Diciotti, S; Orlandi I; Meoni E; Pistolesi M; Falaschi F; Mascalchi M
- 452 **Effects of CT Section Thickness and Reconstruction Kernel on Emphysema Quantification: Relationship to the Magnitude of the CT Emphysema Index.**  
Gierada, DS; Bierhals, AJ; Choong, CK; Bartel, ST; Ritter, JH; Woods, JC; Hong, C; Pilgram, TK
- 512 **Inter and intra-observer reproducibility of density-based MDCT quantification of lung volumes.**  
Molinari, F; Amato, M; Macagnino, A; Serricchio, G; Stefanetti, M; Parapatt, G; Pirronti, T; Bonomo, L
- 755 **Applications of regional lung parenchyma analysis in thoracic CT data.**  
S. Krass; J.-M. Kuhnigk; A. Grgic; E. Hecker; M. Owsijewitsch; N. Sverzellati; H.-U. Kauczor; H.-O. Peitgen
- 518 **Dual Energy Pulmonary Perfusion CT - Correlation to scintigraphy.**  
Thieme, S; Becker, CR; Hacker, M; Nikolaou, K; Reiser, MF; Johnson, TRC
- 604 **Different Clinical Assessments and D-dimer Level in the Diagnosis of Pulmonary Embolism: a Comparative Evaluation in Emergency Room Patients After CT Pulmonary Angiography.**  
Turan, Onur; Yilmaz, Erkan; Akkoclu, Atila; Yegin, Ayse; Turgut, Deniz; Gunay, Turkan
- 371 **Dual energy CT pulmonary angiography: A pilot study to assess the effect on image quality and diagnostic confidence.**  
Jagtiani Sangwaiya, M; Kalra, MK; Sharma, A; Halpern, E; Shepard, JO; Digumarthy, SR
- 871 **Does computer-assisted detection of pulmonary emboli enhance severity assessment and risk stratification in acute pulmonary embolism?.**  
Engelke, Christoph; Rummeny, Ernst J; Salganicoff Marcos; Marten, Katharina
- 874 **A New Paradigm for Scintigraphy for PE : The proper interaction with CTA.**  
Gottschalk, A; Sostman HD; Stein PC



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# 2nd WORLD CONGRESS

OF THORACIC IMAGING AND  
DIAGNOSIS IN CHEST DISEASE



EPOS

## ASTHMA

- 767 **Detection of small airway disease patients without symptoms using non-HRCT scans--another way for identification of asthma.**

Lee, Ho, Shang-Yun, Le, Kuo-Whei, Liao, Chiung-Ying

- 990 **Computed tomography findings in patients with asthma.**

Staskiewicz G., Czekajska-Chehab E., Kieszko R., Torres A., Torres K., Maciejewski R., Drop A.

- 853 **Analysis of bronchial bifurcations in severe obstructive lung disease using 2D multiplanar reconstructions and 3D segmentation of bronchial lumina with colour calibre coding (BronCare).**

Ould Hmeidi Y, Beigelman-Aubry C, Ortner M, Fetita CI, Grenier PA, Aubier M, Brillet PY

## BRONCHIOLITIS

- 634 **Bronchiolitis associated to "tree in bud" micronodular pattern: CT findings and its clinical significance.**

Paño, B, Arguis, P, Mestres, J, Perea, RJ, de Caralt, TM, Sanchez, M

- 781 **Small Airway Disease: A practical approach emphasizing multi-detector CT.**

Rossi, SE, Abbott, G, Rosado, M, Rossi, IM, Volpacchio, M;

- 438 **Radiological features of Bronchiolitis obliterans organizing pneumonia.**

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- 440 **Bronchiolitis obliterans organizing pneumonia: our experience.**

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- 442 **Application of CT-guided percutaneous needle biopsy in BOOP diagnosis.**

Saba, Luca, Marini, Stefano, Mallarini, Giorgio

## CHRONIC OBSTRUCTIVE LUNG DISEASE

- 639 **Dual source CT in the evaluation of lung perfusion in COPD patients: preliminary experience.**

Mennini, ML, Fraioli, F, Serra, G, Catalano, C, Passariello, R

- 670 **O<sub>2</sub>-enhanced MRI and Gd-DTPA perfusional MRA in COPD patients.**

Mennini, ML, Fraioli, F, Serra, G, Catalano, C, Passariello, R

- 658 **When a lung disease appears in an emphysematous parenchyma. CT imaging.**

Arguis, P, Sanchez, M, Ramirez, J, Perea, RJ, De caralt, TM

- 671 **Oxygen enhanced magnetic resonance imaging in patients with cystic fibrosis (CF): a preliminary study.**

Luciani, ML, Fraioli, F, Mennini, ML, Serra, G, Passariello, R

- 1020 **Why COPD can mimic pneumothorax on thoracic ultrasound? Preliminary results.**

Vollmer, I., Ausin, M.P., Martínez-Llorens, J.M., Sánchez-Font, A., Enciso, I.F., Márquez, E.A., Beltrán, M.B., Gayete, A.

- 1003 **Bullous Emphysema.**

Granadeiro, S., Alegria, A., Gerardo, R., Semedo, L., Martelo, F., Cardoso, J.

- 520 **Pathologic classification of emphysema using ultra high resolution CT.**

Hirohiko Ikura, Miho Ikura, Noriharu Yanagimati, Yutaka Imai, Kenji Shimizu, Tomofumi Nagareda

- 543 **Excessive dynamic airway collapse in chronic obstructive pulmonary disease.**

García-Tejedor Pérez, JL, Mallo Alonso, R, Represas Represas, C, Tilve Gómez, A, Rodríguez Fernández, P, Fernández Villar, A

390	<b>Dual energy CT: Radiation dose comparison with spiral volume HRCT in COPD.</b>
	Jin, Lee YC, Han YM, Kweon KS
453	<b>Effects of Diffusion Time on Short-Range Hyperpolarized 3He Diffusivity Measurements in Emphysema.</b>
	Gierada, DS, Woods, JC, Bierhals, AJ, Bartel, ST, Ritter, JH, Choong, CK, Conradi, MS, Yablonskiy, DA
<b>COMPUTER-AIDED DIAGNOSIS AND POST-PROCESSING</b>	
765	<b>Incidental Pulmonary Nodules at Cardiac 64-slice CT: Utility of Sliding Thin-slab Maximum Intensity Projection and Sliding Thin-slab Volume Rendering.</b>
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719	<b>Volumetry of Artificial Pulmonary Nodules in evivo Porcine Lungs : Comparison of Semiautomated Volumetry and Manual Measurement by Radiologists.</b>
	Kim, JH, Kim SS, Jeon HS, Jeon JH, Park NH, Lee HJ, Cho GS
616	<b>Does CAD improve the detection of artificial lung nodules in CXR?.</b>
	Poetter-Lang, S, Kreuzer, S, Schaefer-Prokop, C, DeBoo, D, Bastati-Huber, N, Kienzl, D, Weber, M, Uffmann, M
648	<b>Correlation between quantitative computed tomography histogram analysis and bronchoalveolar lavage flow cytometry in non-infectious granulomatous lung diseases.</b>
	J. Moczova, Belan, V.
904	<b>A new computer-aided method for investigating the spatial heterogeneity of lung parenchyma identified by CT-scanning.</b>
	G F, M S, M M, DC D, G B, PC M, B V
950	<b>Self-gated 3D FLASH imaging of the human lung under free breathing using DC signals.</b>
	Weick, S., Oechsner, M., Blaimer, M., Breuer, F., Köstler, H., Hahn, D., Beer, M, Jakob, P.M.
991	<b>Temporal subtraction of CXRs: availability and quality of difference images under clinical conditions.</b>
	J von Berg, C Schaefer-Prokop, U Neitzel
992	<b>Spectrum of Pulmonary Disease on High-Resolution 64-channel MDCT Coronal Reformatted Chest Images ? An Educational Exhibit.</b>
	Narainder Gupta, Torigian Drew, Barbosa Eduardo, Miller (Jr) Wallace T., Gefter Warren B.;
972	<b>Quantification of ground glass opacity (GGO) in alveolitis patients by means of 3D texture analysis.</b>
	Huttary R, Ruiu A, Sverzellati N, Vogelsinger H, Kaehler C, Recheis W
859	<b>CT quantification of pulmonary emphysema in the follow-up HRCT after anti-fibrosis therapy.</b>
	Moczova, Belan, V., Andrisova, J., Jezberova, M., Gindlova, P., Fabian, M., Kuchar, M.
293	<b>The use volumetric measurement of malignant pleural mesothelioma (MPM) to assess the therapy response.</b>
	Frauenfelder T, Tutic M, Götti RP, Weder W, Marincek B, Opitz I
267	<b>Acute, subacute and cronical MDCT findings after thoracic aorta surgery.</b>
	Dahmane M., Zandrino F., Patrone L, Giasotto V., Santacroce E., Dogliotti L., Rossi U.G., Ferro C.
142	<b>Asymptomatic Bochdalek's Hernias in adults: Determination of incidence on MDCT and relationship with body habitus</b>
	Temizoz Osman, Genchellac Hakan, Yekeler Ensar, Umit Hasan, Unlu Ercument, Ozdemir Hüseyin, Demir Mustafa Kemal
145	<b>Dual Energy Subtraction Chest Radiography Technique: What Is It?.</b>
	Calatayud Moscoso del Prado, J, Castellón, D, Delgado, C, Prada, R, Tardáguila, G, Fernandez, G, Martinez, C, Tardáguila, F.M.
222	<b>Application of the iris filter on the automatic detection of pulmonary nodules on multidetector-row computed tomography.</b>
	Suárez-Cuenca, JJ, Souto, M, Tahoces, PG, Lado, MJ, Revel, MP, Remy-Jardín, M, Remy, J, Vidal, JJ
227	<b>Variability of semiautomated volume measurements between different versions of the same CT lung nodule volumetry software.</b>
	Rinaldi MF, Bartalena T, Braccioli L, Sverzellati N, Mattioli S, Battista G, Zompatori M, Canini R
232	<b>Quantification of ventricular volumes and ejection fraction of both ventricles in cardiac mr imaging: Comparison of manual and semiautomatic segmentation methods.</b>
	Masip Capdevila, L.R., Souto, M., Tahoces, P.G., Suárez Cuenca, J.J., Martínez, A., Vidal, J.J.
156	<b>Testing of global histogram equalization and unsharp mask algorithms for processing of conventional chest x-ray images.</b>
	Aghazade Attari J., Mohammadi A., Ghate A., Moosavi Toomtari S.B., Moosavi Toomtari S.E., Sepehrvand N.
507	<b>Integration of Temporal Subtraction and Nodule Detection Systems for Digital Chest Radiographs into PACS: Conversion from DICOM Query/Retrieve Protocol to Web-based Technology.</b>
	Sakai S, Yabuuchi H, Sunami S, Honda H, Osada M, Sugiyama N, Yamamoto K, Doi K

525	<b>Maximum-Intensity-Projection Images effectiveness in detection of small pulmonary nodules.</b>
	López Pedreira, MR, Jiménez Pérez, AE, Esteban Saiz, R, Andrés García, N, Sanchez Lite, I, Toribio Calvo, B, Jiménez Cuenca, MI, Esteban Casado, R
504	<b>A quantitative method of differential diagnosis of pulmonary nodules by evaluating nodule eccentricity using 3D-CT images.</b>
	Kamiya, Murayama.S, Kakinohana.Y, Oshiro.Y
499	<b>Growth Rate of Peripheral Lung Cancers using Semi-automated Volumetric CAD with Multi-slice CT.</b>
	Koike W, Iwano S, Naganawa S
550	<b>Clinical applications of dual-energy subtraction: a look back, a step forward.</b>
	Castellón, D , Calatayud Moscoso del Prado, J, Tardáguila, G, Aguilar, J.A, Prada, R, Varela, R, Trinidad, C, Tardáguila, F M
396	<b>Rigid versus non-rigid registration of thoracic pet and ct in patients with lung cancer: An intraindividual comparison between different breathing manouvers.</b>
	Grgic, A, Hellwig, D, Nestle, U, Ballek, E, Kirsch, C-M
479	<b>Dual Energy Subtraction Digital Chest Radiography Enhances Performance of Improved Computer-aided Detection Technology.</b>
	Balkman, J.D., Mehandru, S., DuPont, E., Novak, R.D., Gilkeson, R.C.
444	<b>Computer Aided detection systems in the diagnosis of pulmonary nodules.</b>
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446	<b>Pulmonary nodules computer-aided-detection by using multi-detector-row CT. A critical review of the literature.</b>
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### CORONARY IMAGING

762	<b>The role of coronary CT angiography in the assessment of acute chest pain. The Mater Hospital experience.</b>
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613	<b>Utility of 64-MDCT in the evaluation of congenital coronary fistulas.</b>
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623	<b>Dual Source CT (DSCT) Pre-Surgical Evaluation of Coronary Arteries in Patients Underwent Major Cardiac Surgery.</b>
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610	<b>Back to the University: Drugs used in cardiac imaging. A pharmacology class.</b>
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682	<b>Coronary Stent Patency and In-Stent Restenosis: A Comparison of 64-MDCT and Intravascular Ultrasound.</b>
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941	<b>Complex coronary fistula with feeder aneurysm:64 mdct findings correlated with catheter angiography.</b>
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912	<b>Cardiac and Aortic CTA Prior to Cardiovascular Surgery: What the Surgeon Wants to Know.</b>
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963	<b>Anomalies of the Coronary Arteries - Pictorial Review (CT and MRI Findings).</b>
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347	<b>Feasibility and Utility of 64-Multidetector Computed Tomography Coronary Angiography in Octogenarians.</b>
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335	<b>MDCT of coronary arteries : not a difficult way of ruling-out significant pathology.</b>
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133	<b>Coronary artery anomalies and variants on MDCT.</b>
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486	<b>Coronary artery anomalies demonstrated with ECG-gated 64-section multi-detector row CT: classification and clinical significance.</b>
	Yagi S, Baba M, Ohba K, Fukushima T, Koyama K, Fujisawa H, Kushihashi T
491	<b>Plaque Characteristics on Coronary CT Angiography: in Relation with the Degree of Coronary Artery Stenosis.</b>
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560	<b>Early Coronary Artery Disease in Young Adults Under 40 Years Old: CT Characteristics and Risk Factors.</b>
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480	<b>Prevalence of myocardial Bridging in Chilean population.</b>
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- 737 **Ground-glass opacity in HRCT; What is that means?.**  
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- 731 **Joining mosaic pieces: physiopathology and imaging.**  
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- 612 **The halo sign and reverse halo sign: Imaging, pathophysiology and clinical significance.**  
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- 597 **Cystic Lesions of the Lung: A Practical Approach.**  
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- 690 **Radiological features of idiopathic pulmonary upper lobe fibrosis.**  
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- 931 **Adult's onset still's disease: spectrum of thoracic imaging findings.**  
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- 935 **Sarcoidosis - Spectrum of Intrathoracic Involvement.**  
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- 918 **Various findings of Pulmonary Alveolar Proteinosis.**  
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- 915 **Volumetric High-resolution CT Findings in Diffuse Systemic Sclerosis: Correlation between the CT Severity Scores of Pulmonary Involvement and Pulmonary Function.**  
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- 908 **Granulomatous lung diseases.**  
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- 993 **Sarcoidosis: short guide to CT imaging features.**  
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- 955 **Atypical Manifestations of Pulmonary Sarcoid on HRCT and its Common Mimics.**  
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- 960 **Accelerated silicosis: keys to diagnosis.**  
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- 777 **Radiation pneumonitis, unusual presents of MDCT.**  
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- 778 **Rituximab-induced nonspecific interstitial pneumonia like reaction in a patient with idiopathic thrombocytopenic purpura.**  
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- 787 **Pneumocystis jiroveci pneumonia in patients with HIV: CT imaging findings.**  
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- 792 **Progressive radiological changes in Acute Interstitial Pneumonia (AIP).**  
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- 862 **Pulmonary Langerhans'-Cell Granulomatosis: Correlation of HRCT with Functional Data.**  
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- 861 **Pulmonary Langerhans'-Cell Granulomatosis: The Effect of Cigarette Smoking.**  
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- 284 **Sarcoidosis Presenting as Heerford's Syndrome and Pronounced Retroperitoneal Lymphadenopathy.**  
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- 291 **The impact of MDCT in the study of diffuse cystic and cavitary diseases of the lung.**  
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275	<b>Diffuse Idiopathic Pulmonary Neuroendocrine Cell Hyperplasia and its Neoplastic Counterparts: Radiographic, Pathologic and Clinical Correlation.</b>
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125	<b>The Radiological Spectrum of Pulmonary Parenchymal Lymphoproliferative Disease.</b>
	Hare,S.S, Bain,G, Nicholson,A.G, Quigley,M
1012	<b>Antineoplastic vs non-antineoplastic drugs pulmonary toxicity: a clinico-radiological comparison.</b>
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531	<b>Progressive systemic sclerosis: a pictorial review of findings in HRCT.</b>
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376	<b>Comparison of Pulmonary CT Findings and Serum KL-6 Level in Patients with 101;Sarcoidosis patients.</b>
	Honda K, Okada F, Ando Y, Mori H, Ishii H, Kadota J, Miyazaki E, Ando M
417	<b>IPF/UIP versus Fibrotic NSIP: Differential Clinicoradiologic Features.</b>
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381	<b>Pattern classification of CT findings in patients with primary Sjögren's syndrome.</b>
	Arakawa, Hara,M, Ozawa,Y, Shibamoto,Y, Watanabe,M, Naniwa,T
450	<b>HRCT Analysis of lungs in patients with systemic autoimmune disease.</b>
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457	<b>The sarcoid cluster sign. A new HRCT finding in sarcoidosis.</b>
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448	<b>Evaluation of occupational disease: value of High Resolution Computed Tomography (HRCT).</b>
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439	<b>Atypical patterns on HRCT in pulmonary sarcoidosis.</b>
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720	<b>Utility of integrated 18F-FDG PET/CT for the Staging of Esophageal Cancer.</b>
	Woo, Jeong Joo, Yang, Seoung-Oh, An, Jin Kyung, Cho, Young Kwon, Jung, Yoon Young, Kim, Hyun Sook, Choi, Yun Sun
757	<b>Evaluation of pleural abnormalities on 18F-FDG PET/CT scans in NSCLC.</b>
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700	<b>The role of FDG PET/CT in evaluation of fibrosing mediastinitis: 2 case reports.</b>
	Merkulov, A, Ghesani, N, Maldjian, P, Partyka, L, Pack, E, Romero, M
805	<b>Spectrum of Thymic Abnormalities on FDG PET/CT.</b>
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784	<b>Impact of additional inspiration CT to conventional 18F-FDG PET CT protocol in the detection of small pulmonary nodules.</b>
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241	<b>Dynamic MR perfusion of non-small cell lung cancer in transgenic mice overexpressing VEGF.</b>
	Chang, YC, Yuan, A, Lu, YC, Chen, JH, Yang, PC
538	<b>From indeterminate to benign: imaging appearances of benign pulmonary lesions on 18F-FDG PET/CT and multislice CT.</b>
	Nathan, M, Symeonidou, C, Stuart, S, Wignall, G, Cleverley, J, Warbey, V, Buscombe, J
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<b>601</b>	<b>Multi-detector CT of Blunt and Penetrating Injuries of the Chest.</b>
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<b>666</b>	<b>Imaging features of intrathoracic complications following solid organ transplantation.</b>
	Symeonidou C, Cash C, Khatri P
<b>939</b>	<b>Cocaine Induced Acute Aortic Dissection.</b>
	Gameiro, R, Romero, F, Garcia, E, Garcia, M, Ramos, J
<b>910</b>	<b>Why and when does the chest hurt? MDCT gives you (almost) all answers?.</b>
	Marques, P., Costa, J.F., Costa, A., Teixeira, L., Donato, P., Caseiro-Alves, F.
<b>780</b>	<b>Pulmonary Sequelae in Acute Respiratory Distress Syndrome: Evaluation with Thin-Section CT.</b>
	Alvarez, C, Garcia de Vicente, A, Llorente, B, Pintado, C, Vazquez Mezquita, M, Navarrete, O, Sanchez Cordon, B, Martinez Montalban, M
<b>875</b>	<b>Imaging in VAP.</b>
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<b>247</b>	<b>The leaking esophagus.</b>
	Frias Vilaca, A., Reis, A., Vidal, I., Krug, J.L.
<b>1023</b>	<b>Massive posttraumatic extrapleural hematoma mimicking a hemothorax. Utility of the extrapleural fat sign to reveal the extrapleural location of the lesion.</b>
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<b>1001</b>	<b>Imaging of Chest Trauma: a pictorial review based on Multidetector CT.</b>
	Santos, P., Themudo, R., Maia, R, Gomes, M, França, M., Ramos, B., Pires, J., Ribeiro, M
<b>1016</b>	<b>From lymphangitic spread to thrombotic microangiopathy: spectrum of clinico-radiological findings and differential diagnosis.</b>
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<b>168</b>	<b>Pulmonary Diseases in Patients with Hematological Malignancies: Imaging Methods in Differential Diagnosis.</b>
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<b>551</b>	<b>Image Findings of Normal Position, Vascular Variation, and Complication of Central Venous Catheter.</b>
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<b>418</b>	<b>A pictorial review of pneumothorax associated various diseases and conditions with MDCT images.</b>
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<b>389</b>	<b>Imaging of acute aortic syndromes: a pictorial review.</b>
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<b>965</b>	<b>Improved bedside chest radiography: Preliminary clinical results obtained with an accurate and easy-to-use grid alignment system.</b>
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<b>750</b>	<b>Noncompaction Myocardium: What to Know to Diagnose It with Cardio MRI?.</b>
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<b>695</b>	<b>Cardiac MR in Non-compacted cardiomyopathy.</b>
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<b>595</b>	<b>Relationship among Aortic Calcification, Bone Density and Coronary Artery Disease; Simultaneous Assessment by 64-slice Coronary CT.</b>
	H. Yong, Kim, EJ, Seo, HS, Kang, EY, Kim, YK, Woo, OH
<b>683</b>	<b>Intramycardial fat in cardiac CT: its prevalence, distribution and clinical significance.</b>
	Lieberman S., Bogot N, Myles, J, Patel S, Kazerooni E
<b>889</b>	<b>How to Become Intimate with Various Complications of Aortic Dissection (AD) Using 64-Slice MDCT.</b>
	Yi JG, Hwang JH, Park JH, Ko SM
<b>892</b>	<b>Radiological findings of tuberculous pericarditis.</b>
	Ibañez, D., Cañete, E., Yagüe, D., Nuñez, M.E., Lample, C.

948	<b>Intracardiac thrombi - detection and evaluation by using ECG-gated multislice computed tomography.</b>
	Czekajska-Chehab E, Siek E, Uhlig S, Drop A
988	<b>Clinical Significance of Motion Artifact of Ascending Aorta on non-EKG gated Chest CT.</b>
	Lee, Bae Young (BY), Chung, Myung Hee (MH), Ahn, Myeong Im (MI), Kim, Ki Jun (KI), Jung, Jung Im (JI), Song, Sun Wha (SW), Park, Hyun Jin (HJ), Kim, Hyo Lim (HL)
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868	<b>Bicuspid aortic and pulmonary valve -diagnosis on ECG-gated multislice computed tomography.</b>
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873	<b>Lipomatous hypertrophy of the interatrial septum: an increasingly recognized entity.</b>
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881	<b>Magnetic Resonance Imaging in the assessment of Ebstein's Anomaly in adults.</b>
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845	<b>Partial defect of the pericardium ? report of 4 cases diagnosed on ECG-gated multislice computed tomography.</b>
	C. Czekajska-Chehab E, Uhlig S, Drop A, Siek E, Staskiewicz G
849	<b>Evaluation of atrial septal aneurysms with ecg-gated multi-slice computed tomography.</b>
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251	<b>Utility of MDCT in the evaluation of congenital heart disease in adults.</b>
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306	<b>CT depiction of Cardiac Anatomy on 320 MDCT.</b>
	N. Paul, Torres, F, Abadi, S, Ayyappan, A, Nguyen, E, Crean, A, Doyle, D
311	<b>Incidental Cardiac Findings on the Standard Non-gated Thoracic MDCT: A Pictorial Review.</b>
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358	<b>Cardiac MR imaging of paradoxical septal motion. Identification and significance.</b>
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359	<b>The role of cardiac MR imaging in patients with arrhythmogenic heart disease.</b>
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312	<b>Incidental Extracardiac Findings at Cardiac CT Angiography: Comparison of Prevalence and Clinical Significance between Precontrast Low-dose Whole Thoracic Scan and Postcontrast Retrospective ECG-gated.</b>
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327	<b>Prospective validation of left atrial appendage thrombus vs. pseudothrombus discrimination using a CT metric.</b>
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1028	<b>Anatomic Variants and Pitfalls of the Heart.</b>
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106	<b>Aortic Coarctation: Surgical planning and imaging follow up.</b>
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136	<b>What every radiologist should know about MRI in non-ischemic myocardial diseases.</b>
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190	<b>Feasibility of myocardial perfusion SPECT with pharmacologic stress. Fourteen year-experience in a spanish province with high mortality from CHD.</b>
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505	<b>Aortic Peak Time and Peak Enhancement at CT Angiography with Relation to Cardiac Parameters Obtained by Echocardiography: Retrospective Study</b>
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570	<b>Congenital and acquired anomalies of the pericardium in adults: A radiological overview.</b>
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773	<b>Secondary lung diseases in breast cancer during/after chemo-radiation therapy.</b>
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763	<b>Radiological evolution of the lung cancer treated with erlotinib.</b>
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753	<b>Tracheal stenosis in adults: MDCT findings with bronchoscopic correlation.</b>
	Molla MA, Perez V, Pina M, Lloret C, Wins R
732	<b>CT-guided percutaneous biopsy of mediastinal , hilar and pleural lesions as a diagnostic method.</b>
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758	<b>RF ablation in lung cancer located centrally.</b>
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759	<b>Role of spiral CT in the postsurgical tracheal evaluation.</b>
	Molla MA, Torondel S, Hernandorena M, Lloret C, Morcillo A
716	<b>CT Fluoroscopy guided Small Pulmonary Nodule Localization using Mammographic hook wire anchoring and Lipiodol injection before Needlescopic lung biopsy.</b>
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619	<b>Placement and retrieval of filters in the superior vena cava and azygos system.</b>
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622	<b>Central venous access in children. A comprehensive review.</b>
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626	<b>Radiofrequency ablation treatment of primary pulmonary tumors (Stadium I).</b>
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630	<b>Oesophageal cancer: staging by MDCT.</b>
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633	<b>Bronchoalveolar carcinoma (BAC): CT imaging findings in 12 patients.</b>
	Tsangaridou I, Sotiropoulou E, Fotinou M, Tsagouli P, Manataki A, Stamou G, Stathopoulos K, Thanos L
606	<b>Incidence of lung base abnormality in patients undergoing dual position CT Colonography.</b>
	Karthik Shishir, Tolan, Damian, Robertson, Roderick
589	<b>CT Fluoroscopy-Guided Lung Biopsy Using 64-slice MDCT: Diagnostic Performance and Clinical Application.</b>
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# 2nd WORLD CONGRESS

OF THORACIC IMAGING AND  
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Ferreiros , Joaquín	PS: CARDIAC IMAGING
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Muller , Nestor	PS: INTERSTITIAL LUNG DISEASE
Munden , Reginald	IMAGE INTERPRETATION SESSION
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Murata , Kiyoshi	IMAGE INTERPRETATION SESSION
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Naidich , David	PS: LUNG CANCER
Nakajima , Yasuo	PS: PULMONARY EMBOLISM
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Oikonomou , Anastasia	SS14: COPD
Padley , Simon	PS: CARDIAC IMAGING
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Remy- Jardin , Martine	Instructional Course 9
Remy- Jardin , Martine	SS06: PULMONARY EMBOLISM AND PULMONARY HYPERTENSION
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Schaefer-Prokop , Cornelia	Instructional Course 13
Schaefer-Prokop , Cornelia	Instructional Course 3
Schaefer-Prokop , Cornelia	PS: NEW TECHNIQUES
Schnyder , Pierre	IMAGE INTERPRETATION SESSION
Schoepf , U. Joseph	PS: CARDIAC IMAGING
Shepard , Jo-Anne O	Instructional Course 9
Shepard , Jo-Anne O	Instructional Course 2
Sostman , H. Dirk	PS: PULMONARY EMBOLISM AND PULMONARY HYPERTENSION
Stern , Eric	Instructional Course 12
Stern , Eric	IMAGE INTERPRETATION SESSION
Storto , Maria Luiga	SS05: ASTHMA AND CYSTIC FIBROSIS
Tack , Denis	SS15: RADIATION DOSE
Takahashi , Koji	Instructional Course 1
Teague , Shawn	SS03: CORONARY IMAGING
Tocino , Irena	IMAGE INTERPRETATION SESSION
Tocino , Irena	Instructional Course 11
Tocino , Irena	SS11: MEDIASTINUM/PLEURA
Tomiyama , Noriyuki	SS15: RADIATION DOSE
Travis , William D.	Plenary Session: INTERSTITIAL LUNG DISEASE
Vassilakopoulos, Theodoros	Instructional Course 11
Vershakelen , Johny	Instructional Course 15
Vlahos , Ionnis	Instructional Course 3
Vlahos , Ionnis	SS13: NEW TECHNIQUES
Vock , Peter	SS16: PET IMAGING/BIOMAKERS
Wells , Athol	PS: INTERSTITIAL LUNG DISEASE
Wells , Athol	Instructional Course 10
Wells , Athol	SS12: PULMONARY MANIFESTATION OF SYSTEMIC DISEASE
White , Charles	PS: CARDIAC IMAGING
White , Charles	Instructional Course 14
White , Charles	SS04: CARDIOVASCULAR IMAGING
Yoshiharu, Ohno	Instructional Course 8
Yoshiharu, Ohno	PS: NEW TECHNIQUES

PS: Plenary Session SS: Scientific Session

# 2nd WORLD CONGRESS

OF THORACIC IMAGING AND  
DIAGNOSIS IN CHEST DISEASE



## ORAL PRESENTATIONS AUTHORS

<b>Abadi, S</b>	377	Scientific Session 4
<b>Abadi, S</b>	692	Scientific Session 3
<b>Abbott, GF</b>	464	Scientific Session 4
<b>Abtin, F</b>	713	Scientific Session 8
<b>Agrawal, SG</b>	722	Scientific Session 18
<b>Aguilar Arjona, JA</b>	654	Scientific Session 3
<b>Ahn, MI</b>	869	Scientific Session 4
<b>Akkoclu, A</b>	604	Scientific Session 19
<b>AL Brun</b>	997	Scientific Session 12
<b>Albert, M</b>	120	Scientific Session 7
<b>Al-Fakih, K</b>	775	Scientific Session 4
<b>Ali Golshan</b>	713	Scientific Session 8
<b>Alomar, X</b>	422	Scientific Session 4
<b>Alomar, X</b>	423	Scientific Session 3
<b>Alonso Roca, S</b>	117	Scientific Session 8
<b>Alvarez Sanz, C</b>	500	Scientific Session 11
<b>Alvarez, R E</b>	650	Scientific Session 10
<b>Amato, M</b>	512	Scientific Session 19
<b>Anton, PA</b>	989	Scientific Session 13
<b>Argentieri, G</b>	775	Scientific Session 4
<b>Armijo Astrain, J</b>	117	Scientific Session 8
<b>Astrinakis, E</b>	847	Scientific Session 9
<b>Atsuo Inoue</b>	379	Scientific Session 10
<b>Atsuo Inoue</b>	637	Scientific Session 9
<b>Aullo-González, C</b>	425	Scientific Session 11
<b>Austin, JHM</b>	930	Scientific Session 17
<b>Ayano Kikuyama</b>	637	Scientific Session 9
<b>Ayyappan, A</b>	692	Scientific Session 3
<b>Ayyappan, AP</b>	377	Scientific Session 4
<b>Aziz, ZA</b>	384	Scientific Session 9
<b>Buecker, A</b>	747	Scientific Session 10
<b>Buecker, A</b>	395	Scientific Session 14
<b>B.T.K</b>	254	Scientific Session 16
<b>Balaguer, J</b>	524	Scientific Session 4
<b>Balaguer, J</b>	337	Scientific Session 4
<b>Bankier, Alexander A</b>	674	Scientific Session 10
<b>Barbosa, E</b>	218	Scientific Session 9

<b>Barbosa, E</b>	701	Scientific Session 9
<b>Barcina García E</b>	500	Scientific Session 11
<b>Barker, RD</b>	769	Scientific Session 18
<b>Barker, RD</b>	772	Scientific Session 18
<b>Barros, A</b>	785	Scientific Session 3
<b>Bartalena, T</b>	410	Scientific Session 10
<b>Bartel, ST</b>	452	Scientific Session 19
<b>Bartolucci, M</b>	967	Scientific Session 14
<b>Battista, G</b>	410	Scientific Session 10
<b>Bauman, G</b>	649	Scientific Session 7
<b>Baxa, Jan</b>	249	Scientific Session 2
<b>Becker, CR</b>	514	Scientific Session 7
<b>Becker, CR</b>	518	Scientific Session 19
<b>Beek, FJ</b>	299	Scientific Session 9
<b>Beigelman, C</b>	997	Scientific Session 12
<b>Bellelli, A</b>	951	Scientific Session 12
<b>Bellomi, M</b>	462	Scientific Session 10
<b>Berger, R</b>	470	Scientific Session 13
<b>Bertoletti, L</b>	665	Scientific Session 17
<b>Bianco, J</b>	824	Scientific Session 16
<b>Biederer, J</b>	824	Scientific Session 16
<b>Bierhals, AJ</b>	452	Scientific Session 19
<b>Bierhals, AJ</b>	461	Scientific Session 14
<b>Bigazzi, F</b>	967	Scientific Session 14
<b>Bipat, S</b>	590	Scientific Session 10
<b>Bipat, S</b>	752	Scientific Session 10
<b>Bley, T</b>	279	Scientific Session 3
<b>Bley, T</b>	436	Scientific Session 3
<b>Blobel, J</b>	697	Scientific Session 2
<b>Bocin,a V</b>	951	Scientific Session 12
<b>Bock E</b>	652	Scientific Session 10
<b>Bock, K</b>	624	Scientific Session 8
<b>Bock, K</b>	629	Scientific Session 8
<b>Boelens, JJ</b>	299	Scientific Session 9
<b>Boiselle, Phillip M</b>	674	Scientific Session 10
<b>Bonello, L</b>	462	Scientific Session 10
<b>Bonomo, L</b>	652	Scientific Session 10

<b>Bonomo, L</b>	512	Scientific Session 19
<b>Bonomo, L</b>	649	Scientific Session 7
<b>Bonomo, L</b>	832	Scientific Session 2
<b>Bonomo, L</b>	839	Scientific Session 2
<b>Boumpas D</b>	928	Scientific Session 9
<b>Boulos, D</b>	847	Scientific Session 9
<b>Bracciali, L</b>	410	Scientific Session 10
<b>Brambs H-J</b>	107	Scientific Session 19
<b>Brantly, M</b>	1002	Scientific Session 5
<b>Brehant Julien</b>	228	Scientific Session 17
<b>Bret, P</b>	303	Scientific Session 3
<b>Burey P</b>	697	Scientific Session 2
<b>Burton WB</b>	1025	Scientific Session 4
<b>Bustos, A</b>	681	Scientific Session 4
<b>Byrne, JA</b>	775	Scientific Session 4
<b>Cabeza, B</b>	681	Scientific Session 4
<b>Cakirdas Murat</b>	228	Scientific Session 17
<b>Calabro, E</b>	383	Scientific Session 14
<b>Calabro, E</b>	779	Scientific Session 14
<b>Calandriello, L</b>	832	Scientific Session 2
<b>Calandriello, L</b>	839	Scientific Session 2
<b>Calatayud Moscoso del Prado, J</b>	412	Scientific Session 13
<b>Calatayud Moscoso del Prado, J</b>	654	Scientific Session 3
<b>Camara Pierre Yves</b>	228	Scientific Session 17
<b>Camiciottoli, G</b>	368	Scientific Session 19
<b>Camiciottoli, G</b>	967	Scientific Session 14
<b>Canini, R</b>	410	Scientific Session 10
<b>Cannata, D</b>	768	Scientific Session 3
<b>Cannavale, A</b>	768	Scientific Session 3
<b>Cannavale, G</b>	768	Scientific Session 3
<b>Carbone, I</b>	768	Scientific Session 3
<b>Carloni, Angelo</b>	1014	Scientific Session 9
<b>Carreras, F</b>	785	Scientific Session 3
<b>Casado, A</b>	681	Scientific Session 4
<b>Casoni, Gianluca</b>	1014	Scientific Session 9
<b>Castellón Plaza, D</b>	654	Scientific Session 3
<b>Castellón, D</b>	412	Scientific Session 13
<b>Castro, M</b>	645	Scientific Session 13
<b>Catalan, P</b>	422	Scientific Session 4
<b>Catalan, P</b>	423	Scientific Session 3
<b>Catalano, C</b>	665	Scientific Session 17
<b>Catalano, C</b>	668	Scientific Session 17
<b>Catalano, C</b>	748	Scientific Session 5
<b>Catalano, C</b>	768	Scientific Session 3
<b>Caulo, A</b>	832	Scientific Session 2
<b>Caulo, A</b>	839	Scientific Session 2
<b>Cavigli, E</b>	368	Scientific Session 19
<b>Cavigli, E</b>	967	Scientific Session 14
<b>Cernigliaro, JG</b>	1002	Scientific Session 5
<b>Chang, YC</b>	276	Scientific Session 17
<b>Chapman, KR</b>	259	Scientific Session 7
<b>Chatzistefanou, A</b>	847	Scientific Session 9

<b>Chen, CM</b>	276	Scientific Session 17
<b>Chen, JS</b>	487	Scientific Session 4
<b>Chilosci, Marco</b>	1014	Scientific Session 9
<b>Choong, CK</b>	452	Scientific Session 19
<b>Christe, A</b>	530	Scientific Session 15
<b>Chung TB</b>	285	Scientific Session 17
<b>Chung, MJ</b>	711	Scientific Session 18
<b>Chung, TB</b>	259	Scientific Session 7
<b>Cildag M Burak</b>	208	Scientific Session 6
<b>Ciolina, F</b>	768	Scientific Session 3
<b>Cleveland, Z</b>	526	Scientific Session 7
<b>Clouse, M</b>	307	Scientific Session 3
<b>Coche, E.</b>	567	Scientific Session 10
<b>Collard, HR</b>	402	Scientific Session 9
<b>Collard, HR</b>	558	Scientific Session 12
<b>Conradi, MS</b>	645	Scientific Session 13
<b>Conradi, MS</b>	1011	Scientific Session 14
<b>Cook, T</b>	218	Scientific Session 9
<b>Cooper, JD</b>	461	Scientific Session 14
<b>Copley, S</b>	305	Scientific Session 10
<b>Copley, SJ</b>	384	Scientific Session 9
<b>Copley, SJ</b>	772	Scientific Session 18
<b>Corbett, EL</b>	772	Scientific Session 18
<b>Corros, C</b>	681	Scientific Session 4
<b>Corte, T</b>	151	Scientific Session 4
<b>Corte, T</b>	166	Scientific Session 4
<b>Corte, T</b>	200	Scientific Session 4
<b>Costa, N</b>	1009	Scientific Session 6
<b>Costa, N</b>	1010	Scientific Session 3
<b>Costaridou, L</b>	981	Scientific Session 12
<b>Crean, A</b>	303	Scientific Session 3
<b>Crean, A</b>	692	Scientific Session 3
<b>Crean, AM</b>	377	Scientific Session 4
<b>Cronin, M</b>	660	Scientific Session 5
<b>Cuartero Revilla, V</b>	117	Scientific Session 8
<b>Daffaud Pierre</b>	228	Scientific Session 17
<b>Daisuke Takenaka</b>	710	Scientific Session 16
<b>Dalal, P U</b>	646	Scientific Session 18
<b>D'Ambrosio P</b>	807	Scientific Session 9
<b>Danza FM</b>	652	Scientific Session 10
<b>Daoussis, D</b>	981	Scientific Session 12
<b>de Antonio, M</b>	422	Scientific Session 4
<b>de Antonio, M</b>	423	Scientific Session 3
<b>de Boo, DW</b>	752	Scientific Session 10
<b>De Filippis F</b>	808	Scientific Session 11
<b>De Fiori, E</b>	462	Scientific Session 10
<b>de Jong, H.</b>	266	Scientific Session 9
<b>de Jong, PA</b>	266	Scientific Session 9
<b>de Jong, PA</b>	299	Scientific Session 9
<b>de Juan, C</b>	524	Scientific Session 4
<b>de Juan,C</b>	337	Scientific Session 4
<b>De la Cruz , RA</b>	117	Scientific Session 8
<b>de Mey, J</b>	318	Scientific Session 17

<b>De Nicola E</b>	807	Scientific Session 9
<b>De Perrot M</b>	285	Scientific Session 17
<b>de Roos, A</b>	761	Scientific Session 6
<b>Deeb, M</b>	795	Scientific Session 9
<b>Deeb, M</b>	987	Scientific Session 11
<b>del Ciello, A</b>	652	Scientific Session 10
<b>del Ciello, A</b>	832	Scientific Session 2
<b>del Ciello, A</b>	839	Scientific Session 2
<b>Delgado, C</b>	412	Scientific Session 13
<b>Della Longa, G</b>	951	Scientific Session 12
<b>Demetris, P</b>	258	Scientific Session 18
<b>Demetris, P</b>	259	Scientific Session 7
<b>Desai, SR</b>	382	Scientific Session 9
<b>Desai, SR</b>	384	Scientific Session 9
<b>Desai, SR</b>	769	Scientific Session 18
<b>Desai, SR</b>	772	Scientific Session 18
<b>Desai, SR</b>	775	Scientific Session 4
<b>Deslee, G</b>	1011	Scientific Session 14
<b>Detorakis EE</b>	928	Scientific Session 9
<b>Devaraj , A</b>	151	Scientific Session 4
<b>Devaraj, A</b>	166	Scientific Session 4
<b>Devaraj, A</b>	200	Scientific Session 4
<b>Devaraj, A</b>	382	Scientific Session 9
<b>Devaraj, A.</b>	340	Scientific Session 12
<b>Dewhurst, C</b>	534	Scientific Session 1
<b>Dewhurst, C</b>	660	Scientific Session 5
<b>Dharaiya, E</b>	107	Scientific Session 19
<b>Di Girolamo, M</b>	951	Scientific Session 12
<b>Di Mizio V</b>	808	Scientific Session 11
<b>Di Renzi, P</b>	951	Scientific Session 12
<b>Diciotti, S</b>	368	Scientific Session 19
<b>Dienemann, H</b>	730	Scientific Session 3
<b>Dietrich, O</b>	828	Scientific Session 7
<b>Digumarthy, S</b>	369	Scientific Session 15
<b>Digumarthy, S</b>	371	Scientific Session 19
<b>Digumarthy, S</b>	533	Scientific Session 15
<b>Digumarthy, S</b>	986	Scientific Session 15
<b>Dimitrova, K</b>	847	Scientific Session 9
<b>Dinkel, J</b>	824	Scientific Session 16
<b>Doffman, S</b>	722	Scientific Session 18
<b>Dong G</b>	285	Scientific Session 17
<b>Dong, Z</b>	846	Scientific Session 5
<b>Doyle, D</b>	303	Scientific Session 3
<b>Doyle, D</b>	692	Scientific Session 3
<b>Doyle, DJ</b>	377	Scientific Session 4
<b>Driehuys, B</b>	526	Scientific Session 7
<b>Duran-Poveda, M</b>	425	Scientific Session 11
<b>E. Hecker</b>	755	Scientific Session 19
<b>Edey, AJ</b>	769	Scientific Session 18
<b>Eichinger, M</b>	607	Scientific Session 5
<b>Eisenhuber, E</b>	958	Scientific Session 8
<b>Elicker, BM</b>	402	Scientific Session 9
<b>Elicker, BM</b>	558	Scientific Session 12

<b>Ellis, S</b>	722	Scientific Session 18
<b>Elstein, D</b>	795	Scientific Session 9
<b>Elston, CM</b>	772	Scientific Session 18
<b>Engelke, C</b>	435	Scientific Session 6
<b>Engelke, C</b>	871	Scientific Session 19
<b>Engelke, C</b>	605	Scientific Session 6
<b>Ernst, Armin A</b>	674	Scientific Session 10
<b>Ershova E</b>	555	Scientific Session 4
<b>Ershova E</b>	559	Scientific Session 4
<b>Esteban-Peris, A</b>	425	Scientific Session 11
<b>Fagerstrom, RM</b>	458	Scientific Session 17
<b>Falaschi, F</b>	368	Scientific Session 19
<b>Fantauzzi , J</b>	309	Scientific Session 3
<b>Farchione, A</b>	839	Scientific Session 2
<b>Feragalli, B</b>	808	Scientific Session 11
<b>Ferda, Jiri</b>	249	Scientific Session 2
<b>Fernandez, G</b>	412	Scientific Session 13
<b>Fernandez-Golfín, C</b>	681	Scientific Session 4
<b>Ferrand, RA</b>	772	Scientific Session 18
<b>Ferrara, F</b>	832	Scientific Session 2
<b>Ferreira, D</b>	1009	Scientific Session 6
<b>Ferreiros, J</b>	681	Scientific Session 4
<b>Feuerlein S</b>	107	Scientific Session 19
<b>Filograna, E</b>	951	Scientific Session 12
<b>Fink, C</b>	830	Scientific Session 6
<b>Fink, C</b>	467	Scientific Session 6
<b>Fink, C</b>	822	Scientific Session 2
<b>Fink, C</b>	924	Scientific Session 4
<b>Fisahn, J</b>	514	Scientific Session 7
<b>Flacke, S</b>	893	Scientific Session 3
<b>Fleischmann, D</b>	530	Scientific Session 15
<b>Flohr, T</b>	249	Scientific Session 2
<b>Ford, M</b>	458	Scientific Session 17
<b>Fraioli, F</b>	668	Scientific Session 17
<b>Fraioli, F</b>	748	Scientific Session 5
<b>Francois, C</b>	279	Scientific Session 3
<b>Francois, C</b>	436	Scientific Session 3
<b>Franquet, T</b>	785	Scientific Session 3
<b>Franquet, T</b>	989	Scientific Session 13
<b>Freling, NJM</b>	752	Scientific Session 10
<b>G, G</b>	647	Scientific Session 13
<b>Grcic, A</b>	395	Scientific Session 14
<b>Grcic, A</b>	397	Scientific Session 16
<b>Galanopoulos, N</b>	847	Scientific Session 9
<b>Galea, N</b>	768	Scientific Session 3
<b>García Alba, C</b>	422	Scientific Session 4
<b>García Alba, C</b>	423	Scientific Session 3
<b>García Morena, A</b>	500	Scientific Session 11
<b>Garg, K</b>	458	Scientific Session 17
<b>Gaspar, A</b>	1010	Scientific Session 3
<b>Gaspar, A</b>	1009	Scientific Session 6
<b>Gavelli, G</b>	1014	Scientific Session 9
<b>Gee, J</b>	218	Scientific Session 9

Gee, J	701	Scientific Session 9
Gefter, W	218	Scientific Session 9
Gefter, W	701	Scientific Session 9
Gerbrands, K	618	Scientific Session 5
Giannarou, S	305	Scientific Session 10
Gierada, DS	452	Scientific Session 19
Gierada, DS	458	Scientific Session 17
Gierada, DS	461	Scientific Session 14
Gierada, DS	645	Scientific Session 13
Gijón, L	524	Scientific Session 4
Gilkeson, RC	811	Scientific Session 3
Gillams, A	646	Scientific Session 18
Gilman, Matthew D	533	Scientific Session 15
Gilman, Matthew D	986	Scientific Session 15
Giménez, AM	989	Scientific Session 13
Gomez-Santos, D	425	Scientific Session 11
Gonçalves, P	1010	Scientific Session 3
Goo, JM	489	Scientific Session 10
Goo, JM	611	Scientific Session 16
Gopalan, D	673	Scientific Session 6
Gordon, P	526	Scientific Session 7
Gotleib, I	307	Scientific Session 3
Gottschalk, A	874	Scientific Session 19
Gourtsoyanni, S	928	Scientific Session 9
Gourtsoyannis, N	928	Scientific Session 9
Grenier, PA	997	Scientific Session 12
Grgic, A	755	Scientific Session 19
Grist, TM	279	Scientific Session 3
Grist, TM	436	Scientific Session 3
Gruber, M	470	Scientific Session 13
Grutters, JC	266	Scientific Session 9
Guell, R	989	Scientific Session 13
Gulkin, D	107	Scientific Session 19
Gunay, Turkan	604	Scientific Session 19
H.S.H	254	Scientific Session 16
H.Y.L	254	Scientific Session 16
Hacker, M	518	Scientific Session 19
Hadas-Halpern, I	795	Scientific Session 9
Hadas-Halpern, I	987	Scientific Session 11
Haeselbarth, J	607	Scientific Session 5
Haghi, SZA	733	Scientific Session 18
Hajari, AH	1011	Scientific Session 14
Halpern, E	371	Scientific Session 19
Hansell, D.M.	340	Scientific Session 12
Hansell, DM	151	Scientific Session 4
Hansell, DM	166	Scientific Session 4
Hansell, DM	200	Scientific Session 4
Hansell, DM	305	Scientific Session 10
Hansell, DM	382	Scientific Session 9
Hansell, DM	383	Scientific Session 14
Hansell, DM	384	Scientific Session 9
Hansell, DM	769	Scientific Session 18
Haramati LB	1025	Scientific Session 4

Hashemi Attar Amir-hosein	255	Scientific Session 9
Hashemi Attar Amir-hosein	455	Scientific Session 5
Hatabu, H	120	Scientific Session 7
Healey, T	464	Scientific Session 4
Hegenscheid, K	629	Scientific Session 8
Henzler, T	830	Scientific Session 6
Henzler, T	467	Scientific Session 6
Henzler, T	822	Scientific Session 2
Henzler, T	924	Scientific Session 4
Herman S	285	Scientific Session 17
Hernandez Cabrero, MT	117	Scientific Session 8
Herold, CJ	982	Scientific Session 4
Hetzl M	107	Scientific Session 19
Heussel, CP	730	Scientific Session 3
Heussel, CP	846	Scientific Session 5
Heye, T	727	Scientific Session 18
Heye, T	730	Scientific Session 3
Hidalgo Perez, A	422	Scientific Session 4
Hidalgo, A	423	Scientific Session 3
Hidalgo, A	785	Scientific Session 3
Hidalgo, A	989	Scientific Session 13
Higgins, CB	487	Scientific Session 4
Hill, JM	775	Scientific Session 4
Hiromitsu Sumikawa	379	Scientific Session 10
Hiromitsu Sumikawa	637	Scientific Session 9
Hironobu Nakamura	379	Scientific Session 10
Hisanobu Koyama	710	Scientific Session 16
Hoe, JMW	307	Scientific Session 3
Hoey, E	673	Scientific Session 6
Högl, S	514	Scientific Session 7
Honda, O	355	Scientific Session 9
Hong, C	452	Scientific Session 19
Hop, W	618	Scientific Session 5
Hosch, W	727	Scientific Session 18
Hosch, W	730	Scientific Session 3
Hosten, N	624	Scientific Session 8
Hosten, N	629	Scientific Session 8
Hosten, N	818	Scientific Session 1
Hsu, HH	276	Scientific Session 17
Huck, K	830	Scientific Session 6
Huttey, R	852	Scientific Session 9
Hwang, Y	704	Scientific Session 3
Ilsen, B	318	Scientific Session 17
Ingegnoli, A	383	Scientific Session 14
Inoue, A	355	Scientific Session 9
Irlbeck, M	514	Scientific Session 7
Izquierdo Sancho C.	500	Scientific Session 11
J.H	254	Scientific Session 16
J.Y.K	254	Scientific Session 16
Jacobi AH	1025	Scientific Session 4
Jagtiani Sangwaiya, M	367	Scientific Session 15
Jagtiani Sangwaiya, M	369	Scientific Session 15

Jagtiani Sangwaiya, M	371	Scientific Session 19
Jain VR	1025	Scientific Session 4
Janssen, C	775	Scientific Session 4
Järvenpää, R	492	Scientific Session 16
Jaschke, W	852	Scientific Session 9
Jeudy, J	309	Scientific Session 3
Jin, KN	489	Scientific Session 10
Johnson, TRC	514	Scientific Session 7
Johnson, TRC	518	Scientific Session 19
Jolles, H	1002	Scientific Session 5
Joseph, J	953	Scientific Session 17
Jung, JI	869	Scientific Session 4
Junghanss, T	727	Scientific Session 18
K, H	647	Scientific Session 13
Kirsch, C-M	397	Scientific Session 16
Kuhnigk, J-M	395	Scientific Session 14
Kubale, R	395	Scientific Session 14
Kremp, S	397	Scientific Session 16
K.S.L	254	Scientific Session 16
Kaeplinger, S	824	Scientific Session 16
Kalogeropoulou, C	981	Scientific Session 12
Kalra, Mannudeep	986	Scientific Session 15
Kalra, Mannudeep K	533	Scientific Session 15
Kalra, MK	367	Scientific Session 15
Kalra, MK	369	Scientific Session 15
Kalra, MK	371	Scientific Session 19
Kane, P	650	Scientific Session 10
Kang, MJ	489	Scientific Session 10
Karaman Z Can	208	Scientific Session 6
Karthik, S	953	Scientific Session 17
Kauczor, H-U	607	Scientific Session 5
Kauczor, H-U	649	Scientific Session 7
Kauczor, H-U	727	Scientific Session 18
Kauczor, H-U	730	Scientific Session 3
Kauczor, H-U	755	Scientific Session 19
Kazantzi, A	981	Scientific Session 12
Kazuro Sugimura	710	Scientific Session 16
Keevil, J	436	Scientific Session 3
Keiko Matsumoto	710	Scientific Session 16
Kertesz, A	435	Scientific Session 6
Kertesz, A	605	Scientific Session 6
Khatwa, U	120	Scientific Session 7
Kikuyama, A	355	Scientific Session 9
Kim, EJ	402	Scientific Session 9
Kim, EJ	558	Scientific Session 12
Kim, ES	536	Scientific Session 11
Kim, H	711	Scientific Session 18
Kim, HR	869	Scientific Session 4
Kim, KJ	869	Scientific Session 4
Kim, TS	711	Scientific Session 18
Kim, Y	704	Scientific Session 3
Kim, YT	611	Scientific Session 16
Klok, FA	761	Scientific Session 6

Kon, M	953	Scientific Session 17
Kono, A	703	Scientific Session 15
Konstantinides, S	605	Scientific Session 6
Kontoyiannis, DP	344	Scientific Session 18
Koo, C	218	Scientific Session 9
Koo, C	701	Scientific Session 9
Koo, CW	274	Scientific Session 17
Kööbi, Lea	492	Scientific Session 16
Korfiatis, P	981	Scientific Session 12
Koyama, H	703	Scientific Session 15
Kraft, M	526	Scientific Session 7
Krass, S	779	Scientific Session 14
Krass, S	755	Scientific Session 19
Kreider, M	701	Scientific Session 9
Kreuzberg, B	249	Scientific Session 2
Kreuzer, SH	982	Scientific Session 4
Krissak R	830	Scientific Session 6
Krissak, R	467	Scientific Session 6
Krissak, R	822	Scientific Session 2
Krissak, R	924	Scientific Session 4
Krueger S	107	Scientific Session 19
Kucharczuk, JC	274	Scientific Session 17
Kühn, J	818	Scientific Session 1
Kuhnigk, JM	383	Scientific Session 14
Kuhnigk, JM	755	Scientific Session 19
Kulemann, V	470	Scientific Session 13
Kunhigk, JM	779	Scientific Session 14
Kuniaki Seyama	637	Scientific Session 9
Kuwert, T	824	Scientific Session 16
Kwon, OJ	711	Scientific Session 18
L.J.M. Kroft	761	Scientific Session 6
La Vecchia, C	779	Scientific Session 14
Land, D	769	Scientific Session 18
Larici, A	652	Scientific Session 10
Larici, AR	832	Scientific Session 2
Larici, AR	839	Scientific Session 2
Lassandro, F	866	Scientific Session 8
Lau CT	328	Scientific Session 18
Lawler, LP	789	Scientific Session 4
Lazebnik, RS	811	Scientific Session 3
Lee, BY	869	Scientific Session 4
Lee, CH	611	Scientific Session 16
Lee, E	120	Scientific Session 7
Lee, HJ	489	Scientific Session 10
Lee, HJ	611	Scientific Session 16
Lee, IS	489	Scientific Session 10
Lee, JY	711	Scientific Session 18
Lee, KS	711	Scientific Session 18
Lefrak, SS	461	Scientific Session 14
Leong, A	1002	Scientific Session 5
Leta, R	422	Scientific Session 4
Leta, R	423	Scientific Session 3
Leta, R	785	Scientific Session 3

<b>Leung, A</b>	530	Scientific Session 15
<b>Levsky, JM</b>	1025	Scientific Session 4
<b>Lewis, RE</b>	344	Scientific Session 18
<b>Ley, S</b>	730	Scientific Session 3
<b>Lhoste Agnes</b>	228	Scientific Session 17
<b>Lima, J</b>	307	Scientific Session 3
<b>Lin, M</b>	530	Scientific Session 15
<b>Linardakis, H</b>	928	Scientific Session 9
<b>Lindstrom, M</b>	436	Scientific Session 3
<b>Liu, P</b>	344	Scientific Session 18
<b>Loeve, M</b>	618	Scientific Session 5
<b>Loring, Stephen H</b>	674	Scientific Session 10
<b>Luetzen, U</b>	824	Scientific Session 16
<b>Lutey, B</b>	645	Scientific Session 13
<b>Luukkaala, T</b>	492	Scientific Session 16
<b>Lydell, CP</b>	402	Scientific Session 9
<b>Lydell, CP</b>	558	Scientific Session 12
<b>M.A. Patak</b>	609	Scientific Session 10
<b>Moca, N</b>	397	Scientific Session 16
<b>M.V. Huisman</b>	761	Scientific Session 6
<b>Macagnino, A</b>	512	Scientific Session 19
<b>MacArthur, A</b>	309	Scientific Session 3
<b>Machado, F</b>	1010	Scientific Session 3
<b>Maggi, F</b>	652	Scientific Session 10
<b>Maggi, F</b>	832	Scientific Session 2
<b>Maggi, F</b>	839	Scientific Session 2
<b>Maghanas, E</b>	928	Scientific Session 9
<b>Maher, M</b>	660	Scientific Session 5
<b>Maher, MM</b>	534	Scientific Session 1
<b>Maiorino, A</b>	866	Scientific Session 8
<b>Mall, Marcus</b>	607	Scientific Session 5
<b>Mallarini, G</b>	443	Scientific Session 10
<b>Mantini, C</b>	807	Scientific Session 9
<b>Marinari, S</b>	807	Scientific Session 9
<b>Marom, EM</b>	344	Scientific Session 18
<b>Marom, EM</b>	536	Scientific Session 11
<b>Marques, H</b>	1010	Scientific Session 3
<b>Marques, H</b>	1009	Scientific Session 6
<b>Marras, T</b>	258	Scientific Session 18
<b>Martel Villagran, J</b>	117	Scientific Session 8
<b>Marten, K</b>	435	Scientific Session 6
<b>Marten, K</b>	871	Scientific Session 19
<b>Marten, K</b>	605	Scientific Session 6
<b>Martin-Baron, S</b>	425	Scientific Session 11
<b>Martinez, S</b>	526	Scientific Session 7
<b>Martin-Gallardo, T</b>	425	Scientific Session 11
<b>Masahiro Yanagawa</b>	379	Scientific Session 10
<b>Mascalchi, M</b>	368	Scientific Session 19
<b>Mascalchi, M</b>	967	Scientific Session 14
<b>Massimo, M</b>	866	Scientific Session 8
<b>Matsumoto, K</b>	703	Scientific Session 15
<b>Mattioli, S</b>	410	Scientific Session 10
<b>Maxien, D</b>	828	Scientific Session 7

<b>McAdams, HP</b>	526	Scientific Session 7
<b>McComb, BL</b>	1002	Scientific Session 5
<b>McErlean, A</b>	789	Scientific Session 4
<b>McGarrigle, AM</b>	660	Scientific Session 5
<b>McGregor, A</b>	846	Scientific Session 5
<b>McKee, B</b>	893	Scientific Session 3
<b>Mehrdad Bakshayes-hkaram</b>	460	Scientific Session 1
<b>Mehrdad Bakshayes-hkaram</b>	977	Scientific Session 1
<b>Meister, M</b>	151	Scientific Session 4
<b>Meister, M</b>	200	Scientific Session 4
<b>Meister, MG</b>	166	Scientific Session 4
<b>Menezes, RJ</b>	692	Scientific Session 3
<b>Menezes, RJ</b>	846	Scientific Session 5
<b>Menezes, RJ</b>	377	Scientific Session 4
<b>Mennini, ML</b>	665	Scientific Session 17
<b>Mennini, ML</b>	668	Scientific Session 17
<b>Mennini, ML</b>	748	Scientific Session 5
<b>Mennini, ML</b>	665	Scientific Session 17
<b>Meoni, E</b>	368	Scientific Session 19
<b>Meoni, E</b>	967	Scientific Session 14
<b>Mereu, M</b>	807	Scientific Session 9
<b>Mergo, PJ</b>	1002	Scientific Session 5
<b>Metz, G</b>	526	Scientific Session 7
<b>Meziane, M</b>	642	Scientific Session 10
<b>Meziane, M</b>	790	Scientific Session 10
<b>Michaely, HJ</b>	467	Scientific Session 6
<b>Michaely, HJ</b>	924	Scientific Session 4
<b>Michaely, HJ</b>	822	Scientific Session 2
<b>Michel Jean Luc</b>	228	Scientific Session 17
<b>Michel Magalie</b>	228	Scientific Session 17
<b>Milito, MA</b>	344	Scientific Session 18
<b>Miller Jr WT</b>	328	Scientific Session 18
<b>Miller Jr., WT</b>	274	Scientific Session 17
<b>Miller, J</b>	307	Scientific Session 3
<b>Miller, RF</b>	772	Scientific Session 18
<b>Millett, Mary</b>	674	Scientific Session 10
<b>Mirka, Hynek</b>	249	Scientific Session 2
<b>Mirsadraee, M</b>	255	Scientific Session 9
<b>Mirsadraee, S</b>	733	Scientific Session 18
<b>Mirsadraee, M</b>	455	Scientific Session 5
<b>Mirsadraee, M</b>	733	Scientific Session 18
<b>Molinari, F</b>	512	Scientific Session 19
<b>Molinari, F</b>	649	Scientific Session 7
<b>Molinari, F</b>	839	Scientific Session 2
<b>Moore, E H</b>	650	Scientific Session 10
<b>Moore, M</b>	367	Scientific Session 15
<b>Mora, L</b>	524	Scientific Session 4
<b>Moran, C</b>	536	Scientific Session 11
<b>Morgan,PW</b>	431	Scientific Session 1
<b>Morris, A</b>	893	Scientific Session 3
<b>Mostbeck, G</b>	958	Scientific Session 8

Muche, R	107	Scientific Session 19
Mufti, GJ	769	Scientific Session 18
Munenobu Nogami	710	Scientific Session 16
Muto, R	866	Scientific Session 8
Nestle, U	397	Scientific Session 16
Naghibi Saeed	255	Scientific Session 9
Naghibi Saeed	455	Scientific Session 5
Naghibi, S	733	Scientific Session 18
Nakamura, H	355	Scientific Session 9
Nath, H	458	Scientific Session 17
Nazari Lina	455	Scientific Session 5
Nguyen, E	303	Scientific Session 3
Nguyen, E	692	Scientific Session 3
Niemann, A	607	Scientific Session 5
Nikolaou, K	514	Scientific Session 7
Nikolaou, K	518	Scientific Session 19
Nikolaou, K	828	Scientific Session 7
Nogami, M	703	Scientific Session 15
Noriyuki Tomiyama	379	Scientific Session 10
Noriyuki Tomiyama	637	Scientific Session 9
O Benveniste	997	Scientific Session 12
O'Connor, OJ	660	Scientific Session 5
O'Donnell, Carl R	674	Scientific Session 10
Ohno, Y	703	Scientific Session 15
Oikonomou, A	847	Scientific Session 9
O'Keeffe, S	789	Scientific Session 4
Oliver Goldaracena, JM	117	Scientific Session 8
Olmedilla Arregui, P	117	Scientific Session 8
O'Neill, M	660	Scientific Session 5
Onishi, Y	703	Scientific Session 15
Ordovas, K	487	Scientific Session 4
O'Regan, K	534	Scientific Session 1
O'Regan, K	660	Scientific Session 5
Orlandi, I	368	Scientific Session 19
Osamu Honda	379	Scientific Session 10
Osamu Honda	637	Scientific Session 9
Oschatz, E	958	Scientific Session 8
Owsijewitsch, M	755	Scientific Session 19
P, N	647	Scientific Session 13
Pajares, V	989	Scientific Session 13
Parapatt, G	512	Scientific Session 19
Pardolesi, A	808	Scientific Session 11
Park, CM	489	Scientific Session 10
Park, CM	611	Scientific Session 16
Park, HJ	704	Scientific Session 3
Park, HJ	869	Scientific Session 4
Park, SH	869	Scientific Session 4
Passariello, R	665	Scientific Session 17
Passariello, R	668	Scientific Session 17
Passariello, R	748	Scientific Session 5
Passariello, R	768	Scientific Session 3
Pastorino, U	383	Scientific Session 14
Pastorino, U	779	Scientific Session 14

Patea, RL	808	Scientific Session 11
Patsios, D	285	Scientific Session 17
Patsios, D	846	Scientific Session 5
Paul ,NS	285	Scientific Session 17
Paul, NS	697	Scientific Session 2
Paul, NS	259	Scientific Session 7
Paul, NS	303	Scientific Session 3
Paul, NS	307	Scientific Session 3
Paul, NS	692	Scientific Session 3
Paul, NS	377	Scientific Session 4
Pearson, GD	930	Scientific Session 17
Peitgen, H-O	755	Scientific Session 19
Peters, JF	567	Scientific Session 10
Peters, JF	583	Scientific Session 2
Peters, JF	590	Scientific Session 10
Petsas, T	981	Scientific Session 12
Piciucchi, S	1014	Scientific Session 9
Pierce, RA	1011	Scientific Session 14
Pierleoni, M	951	Scientific Session 12
Pilgram, TK	452	Scientific Session 19
Pilgram, TK	461	Scientific Session 14
Pirroni, T	512	Scientific Session 19
Pirroni, T	832	Scientific Session 2
Pistolesi, M	368	Scientific Session 19
Pistolesi, M	967	Scientific Session 14
Poletti, V	1014	Scientific Session 9
Pons, G	422	Scientific Session 4
Pons, G	423	Scientific Session 3
Pons, G	785	Scientific Session 3
Pooyeh Graili	460	Scientific Session 1
Pooyeh Graili	977	Scientific Session 1
Pötter-Lang, S	470	Scientific Session 13
Prada González, R	654	Scientific Session 3
Prada, R	412	Scientific Session 13
Prakash, Priyanka	533	Scientific Session 15
Prakash, Priyanka	986	Scientific Session 15
Prassopoulos, P	847	Scientific Session 9
Prezelj E	697	Scientific Session 2
Prokop, M	583	Scientific Session 2
Prokop, M	266	Scientific Session 9
Prokop, M	299	Scientific Session 9
Prokop, M	590	Scientific Session 10
Prosch, H	958	Scientific Session 8
Puderbach, M	649	Scientific Session 7
Puderbach, M	607	Scientific Session 5
Pujadas, S	785	Scientific Session 3
Puls, R	818	Scientific Session 1
Puy, C	989	Scientific Session 13
Quigley, M	382	Scientific Session 9
Quigley, M	340	Scientific Session 12
Quintana Valcarcel, P	500	Scientific Session 11
Quirk, JD	461	Scientific Session 14
Quirk, JD	645	Scientific Session 13

Quirk, JD	1011	Scientific Session 14
Raftopoulos, H	930	Scientific Session 17
Raimondi, S	462	Scientific Session 10
Rakitskaya, N	555	Scientific Session 4
Rakitskaya, N	559	Scientific Session 4
Ramos González, MJ	500	Scientific Session 11
Rampinelli, C	462	Scientific Session 10
Randi, G	383	Scientific Session 14
Randi, G	779	Scientific Session 14
Recheis, W	852	Scientific Session 9
Reeder, SB	279	Scientific Session 3
Reeder, SB	436	Scientific Session 3
Reichert, M	830	Scientific Session 6
Reichert, M	467	Scientific Session 6
Reichert, M	822	Scientific Session 2
Reichert, M	924	Scientific Session 4
Reiser, MF	514	Scientific Session 7
Reiser, MF	518	Scientific Session 19
Reiser, MF	828	Scientific Session 7
Rinaldi, MF	410	Scientific Session 10
Ritter, JH	452	Scientific Session 19
Robert D Suh	713	Scientific Session 8
Roberts, H	285	Scientific Session 17
Roberts, H	259	Scientific Session 7
Roberts, H	846	Scientific Session 5
Robertson, R	733	Scientific Session 18
Roche, A	228	Scientific Session 17
Romagnoli, M	1014	Scientific Session 9
Roos, JE	530	Scientific Session 15
Roquette, J	1010	Scientific Session 3
Roquette, José	1009	Scientific Session 6
Rosenberg, C	624	Scientific Session 8
Rosenberg, C	629	Scientific Session 8
Rosenberg, C	818	Scientific Session 1
Rosenfeld, M	618	Scientific Session 5
Rozenshtein, A	930	Scientific Session 17
Ruiu, A	852	Scientific Session 9
Rummeny, EJ	871	Scientific Session 19
Rummeny, EJ	435	Scientific Session 6
S, J	647	Scientific Session 13
Schaefer, A	397	Scientific Session 16
S.Y.J	254	Scientific Session 16
Saba, L	443	Scientific Session 10
Sabol, J	811	Scientific Session 3
Sachs, PB	811	Scientific Session 3
Salganicoff, M	871	Scientific Session 19
Sandra, P	107	Scientific Session 19
Sasse, M	279	Scientific Session 3
Schaefer-prokop, CM	583	Scientific Session 2
Schaefer-Prokop, CM	590	Scientific Session 10
Schaefer-Prokop, CM	752	Scientific Session 10
Scheerder, MJ	752	Scientific Session 10
Schiebler , ML	279	Scientific Session 3

Schiebler , ML	436	Scientific Session 3
Schilling, M	958	Scientific Session 8
Schlieter, M	730	Scientific Session 3
Schmid, V	305	Scientific Session 10
Schmidt, B	249	Scientific Session 2
Schoenberg, SO	830	Scientific Session 6
Schoenberg, SO	467	Scientific Session 6
Schoenberg, SO	924	Scientific Session 4
Schoenberg, SO	822	Scientific Session 2
Schreck, P	1002	Scientific Session 5
Screaton, NJ	673	Scientific Session 6
Seebacher, G	982	Scientific Session 4
Seibert, J A	650	Scientific Session 10
Serra, G	665	Scientific Session 17
Serra, G	668	Scientific Session 17
Serra, G	748	Scientific Session 5
Serricchio, G	512	Scientific Session 19
Sharma, A	369	Scientific Session 15
Sharma, A	371	Scientific Session 19
Shaukat, A	115	Scientific Session 1
Shepard, J O	369	Scientific Session 15
Shepard, JO	371	Scientific Session 19
Shepard, JO	464	Scientific Session 4
Shepard, Jo-Anne O.	533	Scientific Session 15
Shepard, Jo-Anne O.	986	Scientific Session 15
Shigeyuki Yoshida	379	Scientific Session 10
Sidiropoulos, P	928	Scientific Session 9
Siewerdsen, J	697	Scientific Session 2
Silberman, S	987	Scientific Session 11
Simon, P	982	Scientific Session 4
Singh, S	367	Scientific Session 15
Singh, S	369	Scientific Session 15
Singh, Sarabjeet	533	Scientific Session 15
Sjoberg, J	369	Scientific Session 15
Skiadopoulos, S	981	Scientific Session 12
Soheyla Zahirifard	460	Scientific Session 1
Soheyla Zahirifard	977	Scientific Session 1
Soimakallio, S	492	Scientific Session 16
Solá García, M	785	Scientific Session 3
Song, G	218	Scientific Session 9
Song, G	701	Scientific Session 9
Song, SW	869	Scientific Session 4
Sonnemans, JJ	567	Scientific Session 10
Sonnemans, JJ	583	Scientific Session 2
Sonnemans, JJ	590	Scientific Session 10
Sostman, HD	874	Scientific Session 19
Sousa, P	1010	Scientific Session 3
Sparrow, PJ	377	Scientific Session 4
Specker Genannt Dömann, F	435	Scientific Session 6
Specker Genannt Dömann, F	605	Scientific Session 6
Stadler, A	958	Scientific Session 8
Stanton CL	1025	Scientific Session 4

<b>Stefanetti, M</b>	512	Scientific Session 19
<b>Stein, PC</b>	874	Scientific Session 19
<b>Stivallet, A</b>	997	Scientific Session 12
<b>Stojkovic, M</b>	727	Scientific Session 18
<b>Storto, ML</b>	807	Scientific Session 9
<b>Storto, ML</b>	808	Scientific Session 11
<b>Strollo, DC</b>	458	Scientific Session 17
<b>Suaris, T</b>	722	Scientific Session 18
<b>Sugimura, K</b>	703	Scientific Session 15
<b>Sukstanskii, AL</b>	645	Scientific Session 13
<b>Sukstanskii, AL</b>	1011	Scientific Session 14
<b>Sumiaki Matsumoto</b>	710	Scientific Session 16
<b>Sumikawa, H</b>	355	Scientific Session 9
<b>Sun, Y</b>	120	Scientific Session 7
<b>Sverzellati, N</b>	382	Scientific Session 9
<b>Sverzellati, N</b>	410	Scientific Session 10
<b>Sverzellati, N</b>	852	Scientific Session 9
<b>Sverzellati, N</b>	383	Scientific Session 14
<b>Sverzellati, N</b>	384	Scientific Session 9
<b>Sverzellati, N</b>	779	Scientific Session 14
<b>Sverzellati, N</b>	340	Scientific Session 12
<b>Sverzellati, N</b>	755	Scientific Session 19
<b>Swisher, SG</b>	536	Scientific Session 11
<b>Szucs-Farkas, Z</b>	609	Scientific Session 10
<b>T. Ruder</b>	609	Scientific Session 10
<b>Takenaka, D</b>	703	Scientific Session 15
<b>Takeshi Johkoh</b>	379	Scientific Session 10
<b>Takeshi Johkoh</b>	637	Scientific Session 9
<b>Tammo, R</b>	555	Scientific Session 4
<b>Tammo, R</b>	559	Scientific Session 4
<b>Tardáguila de la Fuente, G</b>	654	Scientific Session 3
<b>Tardáguila Montero, F</b>	654	Scientific Session 3
<b>Tardáguila, G</b>	412	Scientific Session 13
<b>Teixeira, M</b>	1009	Scientific Session 6
<b>Teixeira, R</b>	1009	Scientific Session 6
<b>Thieme, S</b>	828	Scientific Session 7
<b>Thieme, SF</b>	514	Scientific Session 7
<b>Thieme, SF</b>	518	Scientific Session 19
<b>Tiddens, H</b>	618	Scientific Session 5
<b>Tobino Kazunori</b>	637	Scientific Session 9
<b>Tomassetti, S</b>	384	Scientific Session 9
<b>Tomassetti, S</b>	1014	Scientific Session 9
<b>Tomiyama, N</b>	355	Scientific Session 9
<b>Torigian, D</b>	218	Scientific Session 9
<b>Torigian, D</b>	701	Scientific Session 9
<b>Torres, F</b>	377	Scientific Session 4
<b>Torres, F</b>	692	Scientific Session 3
<b>Touitou, DL</b>	997	Scientific Session 12
<b>Travin MI</b>	1025	Scientific Session 4
<b>Trinidad López, C</b>	654	Scientific Session 3
<b>Trinidad, C</b>	412	Scientific Session 13
<b>Tseng, WY</b>	276	Scientific Session 17

<b>Tudorascu,D</b>	279	Scientific Session 3
<b>Turan, O</b>	604	Scientific Session 19
<b>Turgut, D</b>	604	Scientific Session 19
<b>Tustison, N</b>	218	Scientific Session 9
<b>Tustison, N</b>	701	Scientific Session 9
<b>Tylen, U</b>	650	Scientific Session 10
<b>Tzouvelekis, A</b>	847	Scientific Session 9
<b>Uffmann, M</b>	470	Scientific Session 13
<b>Uffmann, M</b>	752	Scientific Session 10
<b>Ulano, A</b>	893	Scientific Session 3
<b>Ullrich, M</b>	824	Scientific Session 16
<b>Unsal Alparslan</b>	208	Scientific Session 6
<b>Urciuolo, S</b>	866	Scientific Session 8
<b>V Es, HW</b>	266	Scientific Session 9
<b>V Heesewijk, JP</b>	266	Scientific Session 9
<b>V, C</b>	647	Scientific Session 13
<b>V, R</b>	647	Scientific Session 13
<b>V,P</b>	747	Scientific Session 10
<b>v/d Bosch, JM</b>	266	Scientific Session 9
<b>v/d Heuvel, D</b>	266	Scientific Session 9
<b>Valente, T</b>	866	Scientific Session 8
<b>Van de Logt, V</b>	567	Scientific Session 10
<b>Vandeleur, M</b>	660	Scientific Session 5
<b>Vandenbroucke, F</b>	318	Scientific Session 17
<b>Van der Bijl, N</b>	761	Scientific Session 6
<b>Varela Ponte, R</b>	654	Scientific Session 3
<b>Varela, R</b>	412	Scientific Session 13
<b>Vavere AL</b>	307	Scientific Session 3
<b>Vaziri, MS</b>	733	Scientific Session 18
<b>Veronesi, G</b>	462	Scientific Session 10
<b>Versluys, AB</b>	299	Scientific Session 9
<b>Vinnicombe, SJ</b>	722	Scientific Session 18
<b>Vlassenbroek, A</b>	567	Scientific Session 10
<b>Vock, P</b>	530	Scientific Session 15
<b>Vock, P</b>	609	Scientific Session 10
<b>Vonbank, K</b>	470	Scientific Session 13
<b>W.H.</b>	395	Scientific Session 14
<b>Wagnetz, U</b>	258	Scientific Session 18
<b>Wagnetz, U</b>	259	Scientific Session 7
<b>Wald, C</b>	893	Scientific Session 3
<b>Webb, WR</b>	402	Scientific Session 9
<b>Webb, WR</b>	558	Scientific Session 12
<b>Weber, M</b>	470	Scientific Session 13
<b>Weber, M</b>	982	Scientific Session 4
<b>Weinheimer, O</b>	846	Scientific Session 5
<b>Weisbrod, G</b>	285	Scientific Session 17
<b>Weisbrod, GL</b>	258	Scientific Session 18
<b>Wells, AU</b>	340	Scientific Session 12
<b>Wells, AU</b>	151	Scientific Session 4
<b>Wells, AU</b>	166	Scientific Session 4
<b>Wells, AU</b>	200	Scientific Session 4
<b>Wells, AU</b>	382	Scientific Session 9
<b>Wells, AU</b>	384	Scientific Session 9

<b>Wells, AU</b>	769	Scientific Session 18
<b>Wells, AU</b>	772	Scientific Session 18
<b>Westra, SJ</b>	367	Scientific Session 15
<b>White, C</b>	309	Scientific Session 3
<b>Win, S</b>	487	Scientific Session 4
<b>Wittenberg, R</b>	567	Scientific Session 10
<b>Wittenberg, R</b>	583	Scientific Session 2
<b>Wittenberg, R</b>	590	Scientific Session 10
<b>Wolber, J</b>	526	Scientific Session 7
<b>Wolf, F</b>	982	Scientific Session 4
<b>Wong, HY</b>	930	Scientific Session 17
<b>Woods, JC</b>	452	Scientific Session 19
<b>Woods, JC</b>	645	Scientific Session 13
<b>Woods, JC</b>	1011	Scientific Session 14
<b>Wort, J</b>	151	Scientific Session 4
<b>Wort, J</b>	166	Scientific Session 4
<b>Wort, J</b>	200	Scientific Session 4
<b>Wu, C</b>	464	Scientific Session 4
<b>Y, J</b>	647	Scientific Session 13
<b>Yablonskiy, DA</b>	645	Scientific Session 13
<b>Yablonskiy, DA</b>	1011	Scientific Session 14
<b>Yalynska T</b>	555	Scientific Session 4
<b>Yalynska T</b>	559	Scientific Session 4
<b>Yanagawa, M</b>	355	Scientific Session 9

<b>Yang, CH</b>	276	Scientific Session 17
<b>Yang, GZ</b>	305	Scientific Session 10
<b>Yang, PC</b>	276	Scientific Session 17
<b>Yegin, Ayse</b>	604	Scientific Session 19
<b>Yemets, I</b>	555	Scientific Session 4
<b>Yemets, I</b>	559	Scientific Session 4
<b>Yen, A</b>	530	Scientific Session 15
<b>Yi, CA</b>	711	Scientific Session 18
<b>Yilmaz, Erkan</b>	604	Scientific Session 19
<b>Yoshida, S</b>	355	Scientific Session 9
<b>Yoshiharu Ohno</b>	710	Scientific Session 16
<b>Yu, CJ</b>	276	Scientific Session 17
<b>Yuksel-Hatz, S</b>	609	Scientific Session 10
<b>Yumiko Onishi</b>	710	Scientific Session 16
<b>Yusen, RD</b>	461	Scientific Session 14
<b>Zadeh, A</b>	307	Scientific Session 3
<b>Zeintl, J</b>	824	Scientific Session 16
<b>Zimran, A</b>	795	Scientific Session 9
<b>Zompatori, M</b>	383	Scientific Session 14
<b>Zompatori, M</b>	384	Scientific Session 9
<b>Zompatori, M</b>	410	Scientific Session 10
<b>Zompatori, M</b>	779	Scientific Session 14
<b>Zompatori, M</b>	852	Scientific Session 9
<b>Zurakowski, D</b>	120	Scientific Session 7

# 2nd WORLD CONGRESS

OF THORACIC IMAGING AND  
DIAGNOSIS IN CHEST DISEASE



## CONFFLICT OF INTEREST DISCLOSURES

The faculty members listed below have disclosed that they have no relevant financial relationships. They also do not intend to discuss the use of a medical device or pharmaceutical that is classified by the FDA as investigational for the intended use or that is "off-label", such as a use not described on the product's label.

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Dr. Francesco Blasi  
Dr. Gorka Bastarrika Alemañ  
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Lynn S. Broderick, MD,  
FACR, FCCP  
Dr. José Cáceres  
Dra. Teresa Mª de Caralt  
Robira  
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Dr. Eric Stern  
Dr. Denis Tack  
Koji Takahashi, MD, PhD  
Prof. William D. Travis  
Prof. Dr. Johny Verschakelen  
Prof. Athol Wells  
Dr. Charles White

The faculty members listed below have disclosed the following financial relationships. There are no conflicts of interest related to the presentation of their material.

**Gerald F. Abbott, MD** has received royalties as an author for Amirsys, Inc. and Thieme Medical Publishers.

**Peter J. Barnes, MD** has received honoraria and research grants from AstraZeneca, is an advisory board member and has received research grants from GlaxoSmithKline, is an advisory board member and has received speaker honoraria and research grants from Novartis, and is an advisory board member and has received speaker honoraria and research grants from Boehringer Ingelheim.

**Alan S. Brody, MD** is a salaried consultant with Bio-Imaging Technologies, Inc.

**Jannette Collins, MD** has received royalties as an editor for Elsevier and as an author for Lippincott Williams and Wilkins.

**J. Mark Fitzgerald, MD** has received fees for advisory board attendance and membership of CME lecture panels sponsored by AstraZeneca, GlaxoSmithKline, Nycomed, Merck and Novartis, who market drugs used in the treatment of asthma. He has also received research funding for asthma-related research from these pharmaceutical companies, which has been paid directly to the University of British Columbia. In addition, he received travel assistance to attend the European Respiratory Society meeting in September 2008.

**Luciano Gattinoni, MD** is a consultant for GE Healthcare.

**David Hansell, MD** has received consulting fees from InterMune, Inc. and Actelion Pharmaceuticals.

**Eric A. Hoffman, MD** is the unpaid founder and a shareholder in VIDA Diagnostics, Inc.

**Manudeep K. Kalra, MD** has received research grant support as a principal investigator for GE Healthcare.

**Prof. Dr. med. Hans-Ulrich Kauczor** has received grant support as a researcher for Siemens Medical Systems and Toshiba Medical Systems. He has also received an honorarium as a speaker for Novartis and an honorarium and royalties as a speaker, consultant and contractor for Boehringer Ingelheim.

**David Lynch, MB** has received consulting fees from InterMune, Inc., Gilead Sciences, Inc. and Centocor, Inc. and financial benefit as an advisory committee member for Actelion Pharmaceuticals.

**Heber MacMahon, MB, BCh** has received a consulting fee from

Riverain Medical, stock options for research collaboration with Hologic, Inc., and a speaker honorarium from Konica Minolta.

**H. Page McAdams, MD** has received research grant support from GE and author royalties from ElSevier.

**Jin Mo Goo, MD** has received a consulting fee from Infiniti.

**Dr. David Naidich** has received consulting fees and research grant from Siemens Medical.

**Yoshiharo Ohno, MD, PhD** has received grant support for consulting and research for Toshiba Medical Systems, Philips Medical Systems, Eizai Co., Ltd. and Daichi Sankyo Co., Ltd.

**Geoffrey D. Rubin, MD** has received an honorarium as a speaker for Bracco and research grant support as a principal investigator for GE Healthcare.

**U. Joseph Schoepf, MD** has received research support and honoraria as a principal investigator and speaker for Bayer-Schering, Bracco, GE, Medrad and Siemens.

**Shawn Teague, MD** has received speaker honoraria from Philips Medical Systems and the American College of Radiology. He serves on an advisory committee for and is a stockholder in 3DR.

**Dr. Irena Tocino**, is pending to receive honoraria from Royale Radiology as a consultant on PACS.

**Ioannis Vlahos, MD** has received a speaker honorarium from and served as an uncompensated advisory board member for Siemens Medical Solutions. He has also received an honorarium for research for Interact Medical UK and research support from Bayer Healthcare.

**The abstract presenters listed below have disclosed that they have no relevant financial relationships. They also do not intend to discuss the use of a medical device or pharmaceutical that is classified by the FDA as investigational for the intended use or that is "off-label", such as a use not described on the product's label.**

Amato, M	Engelke, C
Argentieri, G	Esteban-Peris, A
Ayyappan, AP	Fantauzzi, J
Barbosa, E	Feragalli, B
Barcina García, E	Filograna, E
Bartalena, T	Galea, N
Baxa, J	García Alba, C
Boiselle, PM	Gottschalk, A
Cakirdas, M	Grgic, A.
Calandriello, L	Hadas-Halpern, I
Calatayud Moscoso del Prado, J	Healey, T
Casado, A	Henzler, T
Chang, YC	Heye, T
Chen, JS	Hidalgo, A
Christe, A	Hiromitsu Sumikawa
Cildag M Burak	Hoey, E
Costello, Philip	Honda, O
Dalal, PU	Hwang, SH
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De Cecco, CN	Jagtiani Sangwaiya, M
de Jong, PA	Jung, JI
de Juan, C	Shishir Karthik, MD
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Desai, SR	Kertesz, A
Detorakis, EE	Kikuyama, A
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Kreuzer, SH	Prosch, H
Krissak, R	Quigley, M
Kuhnigk, J-M	Rampinelli, C
Kulemann, V	Recheis, W
Larici, A	Reichert, M
Lassandro, F	Rosenberg, C
Lau, CT	Rossi, S
Lee, HJ	Saba, L
Lydell, CP	Sandra, P
Maggi, F	Solà Garcia, M
Marques, H	Suaris, T
Matsumoto, K	Sukstankii, AL
McGregor, A	Sverzellati, N
McKee, B	Szucs-Farkas, Z
Mennini, ML	Tammo, R
Meoni, E	Tardáguila de la Fuente, G
Mereu, M	Thieme, SF
Mergo, PJ	Tiddens, H
Meziane, M	Torres, F
Mirsadraie, M	Touitou, DL
Molinari, F	Turan, O
Morgan, PW	Tylen, U
Nikolaou, K	Van der Bijl, N
Oikonomou, A	Vock, P
Murphy, BD	Wagnetz, U
Oliver Goldaracena, JM	Wong, HY
Patsios D	Woods, JC
Piciucchi, S	Yi, CA
Pooyeh Graili	Yumiko Onishi

**The abstract presenters listed below have disclosed the following financial relationships. Potential conflicts of interest will be disclosed by the presenter during the presentation.**

**Fereidoun Abtin, MD** is a consultant for MED QIA, Research Lab, Thoracic Section, UCLA

**Prof. Dr. Juergen Biederer** has received research support and a speaker honorarium from Siemens.

**Susan Copley, MD** has received a Kodak bursary awarded by the Royal College of Radiologists (UK)

**David S. Gierada, MD** has received funds from Pfizer for academic use for his collaboration in a research project.

**Vineet R. Jain, MD** has received research support from GE Healthcare.

**Hany Kashani, MD** is an employee of Care Stream Health and has received funding from the National Institutes of Health.

**Prof. Dr. med. Hans-Ulrich Kauczor** has received grant support as a researcher for Siemens Medical Systems and Toshiba Medical Systems. He has also received an honorarium as a speaker for Novartis and an honorarium and royalties as a speaker, consultant and contractor for Boehringer Ingelheim.

**Edward Y. Lee, MD, MPH** has received a GERRAF Research Fellowship from GE Healthcare.

**Santiago Martinez, MD**'s research study was funded by GE. Neither he nor the other researchers received any remuneration.

**Narinder Paul, MD** has received a speaker honorarium from Toshiba.

**Joost Peters, PhD** is an employee of Philips Healthcare.

**Prayanka Prakash, MD** has received research funding from GE Healthcare.

**John M. Sabol, MD** is an employee of GE Healthcare.

**Mark Schiebler, MD** is a member of an advisory board for In-Vivo Technologies.

**Rianne Wittenberg, MD** has received a research grant from Philips.

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## CME CREDITS

**CME CREDITS WILL BE PROVIDED FOR PHYSICIANS REGULARLY ATTENDING THE SCIENTIFIC SESSIONS BY THE FOLLOWING INSTITUTIONS:**

### FOR EUROPEAN PHYSICIANS.

European Accreditation is granted by the EACCME in order to allow participants who attend the 2nd World Congress of Thoracic Imaging and Diagnosis in Chest Disease to validate their credits in their country.

The "Grupo Geyseco" is accredited by the European Accreditation Council for Continuing Medical Education (EACCME) to provide the following CME activity for medical specialists. The EACCME is an institution of the European Union of Medical Specialists (UEMS), [www.uems.net](http://www.uems.net).

The "2nd World Congress of Thoracic Imaging and Diagnosis in Chest Disease" is designated for a maximum of (or "for up to") 20 hours of European external CME credits. Each medical specialist should claim only those hours of credit that he/she actually spent in the educational activity.

EACCME credits are recognized by the American Medical Association towards the Physician's Recognition Award (PRA). To convert EACCME credit to AMA PRA category 1 credit, contact the AMA.

EACCME accrediting certificates will be sent to the participants by postal mail (two months after the end of the Congress). Participants are kindly asked to check the postal address introduced in their personal area of the Congress Website.

### FOR USA PHYSICIANS.

This activity has been planned and implemented in accordance with the Essential Areas and Policies of the Accreditation Council for Continuing Medical

Education (ACCME) through the joint sponsorship of the Medical College of Wisconsin and the 2nd World Congress of Thoracic Imaging and Diagnosis in Chest Disease (European Society of Thoracic Imaging, The Fleischner Society, the Japanese Society of Thoracic Radiology, the Korean Society of Thoracic Radiology, and the Society of Thoracic Radiology). The Medical College of Wisconsin is accredited by the ACCME to provide continuing medical education for physicians.

The Medical College of Wisconsin designates this educational activity for a maximum of 22.5 AMA PRA Category 1 Credits™. Physicians should only claim credit commensurate with the extent of their participation in the activity.

CME certificates will be sent by the Medical College of Wisconsin by U.S. mail to participants who have provided a complete mailing address. Participants are kindly asked to check the postal address provided in their personal area of the Congress Website.

**CME credit is not available for Corporate symposia.**

**Attendance at educational sessions is being monitored electronically. A microchip is embedded in your name badge, and it is important that you wear the badge at all times. The badge must be returned to the registration desk at the end of the conference so that your CME credits can be recorded.**



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## SCIENTIFIC INFORMATION

**ABSTRACT CD ROM.** The abstracts of the Oral Presentations will be printed as online-only content in the August edition of the Journal of Thoracic Imaging. In addition, each attendee will receive a ticket to collect the Abstract CD ROM at **GENERAL ELECTRIC** booth (nº 51-55).

**SYLLABUS.** Each attendee will receive a ticket to collect the Lectures Syllabus at **BRACCO** booth (nº 21).

**PREVIEW ROOM.** All speakers should check and deliver their PowerPoint presentations to the Preview Room at least 4 hours before the start of the session or the day before for early morning sessions.

### PREVIEW ROOM OPENING HOURS

Saturday, May 30, 2009	<b>15.00 – 20.00</b>
Sunday, May 31, 2009	<b>07.00 – 19.00</b>
Monday, June 1, 2009	<b>07.30 – 19.00</b>
Tuesday, June 2, 2009	<b>07.30 – 16.00</b>

**ELECTRONIC POSTER PRESENTATION – EPOS TM .** The scientific exhibit will be displayed in the EPOS TM format. The EPOS area is located on the first floor of the Conference Centre in the Multipurpose Room 1.

### BUSINESS MEETINGS

#### SATURDAY, MAY 30

<b>14.00</b>	STR Executive Committee Meeting	<b>Room 8 + 9</b>
<b>17:00</b>	ESTI Executive Committee Meeting	<b>VIP Room</b>

#### SUNDAY, MAY 31

<b>13.30</b>	JTI Meeting	<b>Room 8 + 9</b>
<b>15.00</b>	2WCTI Executive Meeting	<b>Room 5</b>

#### MONDAY, JUNE 1

<b>12.00</b>	ESTI General Assembly	<b>Room 1 + 2</b>
<b>12.30</b>	STR Business Meeting	<b>Multipurpose Room 2</b>

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## GENERAL INFORMATION

**VENUE.** Valencia Conference Centre (Palacio de Congresos)  
Avenida de las Cortes Valencianas, 60  
46015 Valencia, Spain

**LANGUAGES.** English will be the official language of the Congreso except for the Pre-Congress course. Simultaneous translation service will be provided for plenary lectures and selected symposium.

**WEB.** Log in to the Personal Area of the website ([www.2wcti.org](http://www.2wcti.org)) to download a copy of your certificate of attendance or create your personalised agenda. On the website you can also find more information about the congress, lectures and scientific sessions. All congress lectures will be made available online after the congress.

**ORGANIZING SECRETARIAT . GRUPO GEYSECO**  
C/ Universidad, 4 46003 Valencia (Spain)  
Tel.: +34 96 352 48 89 – Fax: +34 96 394 25 58  
[www.2wcti.org](http://www.2wcti.org) – [2wcti@geyseco.es](mailto:2wcti@geyseco.es)  
**Coordination:** Pilar Tena [pilar@geyseco.es](mailto:pilar@geyseco.es)  
**Registrations and Bookings:** Silvia Roselló [silvia@geyseco.es](mailto:silvia@geyseco.es)  
**Industry relations:** Sergio Hernández [sergio@geyseco.es](mailto:sergio@geyseco.es)  
Ana Riera [ana.riera@geyseco.es](mailto:ana.riera@geyseco.es)  
**Faculty and Committees:** Agnes Rolland [agnes@geyseco.es](mailto:agnes@geyseco.es)  
**Oral Presentations, EPOSTM:** Marina Ottaviani  
[marina@geyseco.es](mailto:marina@geyseco.es)

### SECRETARIAT OPENING HOURS

Saturday, May 30, 2009	<b>15.00 – 20.00</b>
Sunday, May 31, 2009	<b>07.00 – 19.00</b>
Monday, June 1, 2009	<b>07.30 – 19.00</b>
Tuesday, June 2, 2009	<b>07.30 – 16.00</b>

### REGISTRATION FEES

Societies Members	<b>400€</b>
Non-members	<b>550€</b>
Trainees (proof of status needed)	<b>260€</b>
Pre-congress Course	<b>140€</b>
Accompanying Person	<b>120€</b>
One-day	<b>200€</b>

All prices are listed in Euros (€). 7% VAT NOT INCLUDED

### REGISTRATION FEE INCLUDES

- \* Admittance to all lectures
- \* Congress bag
- \* Final Programme
- \* Daily coffee breaks
- \* Welcome reception
- \* Access to EPOSTM database
- \* Certificate of attendance
- \* Lectures syllabus
- \* Abstracts CD ROM

- Accompanying Person**
- \* Welcome reception
- \* Opening ceremony
- \* Coffee breaks

**REGISTRATION CANCELLATION POLICIES.** Refund of registration fees less 30% administrative charge will be granted if the cancellation is notified in writing to GRUPO GEYSECO S.L. prior to APRIL 1, 2009. After this date, no refund can be made for cancellations. All refunds will be made after the congress.

**BADGE.** Each participant will receive a name badge upon check-in at the Registration Desk. The badge will be the official meeting document and should be worn at all times in order to be granted access to the meeting rooms.

**BUSINESS CENTRE.** A Business Centre with computer facilities is available on the first floor of where the EPOSTM area is located.

**WIFI.** Internet access is available through WIFI connection in the Business Centre and in the cafeteria area situated on the ground floor.

**CATERING FACILITIES.** Lunches are not included in the registration fee. Bars and restaurants serving coffees and meals are available in Conference Centre area and a cafeteria is located on the ground floor of the Conference Centre.

**LUGGAGE DEPOSIT.** Luggage can be left during congress hours at the luggage deposit located besides the Tourist Information Desk, where the commercial exhibit is. The Organizing Secretariat and the Conference Centre are not responsible for any item left beyond duty hours.

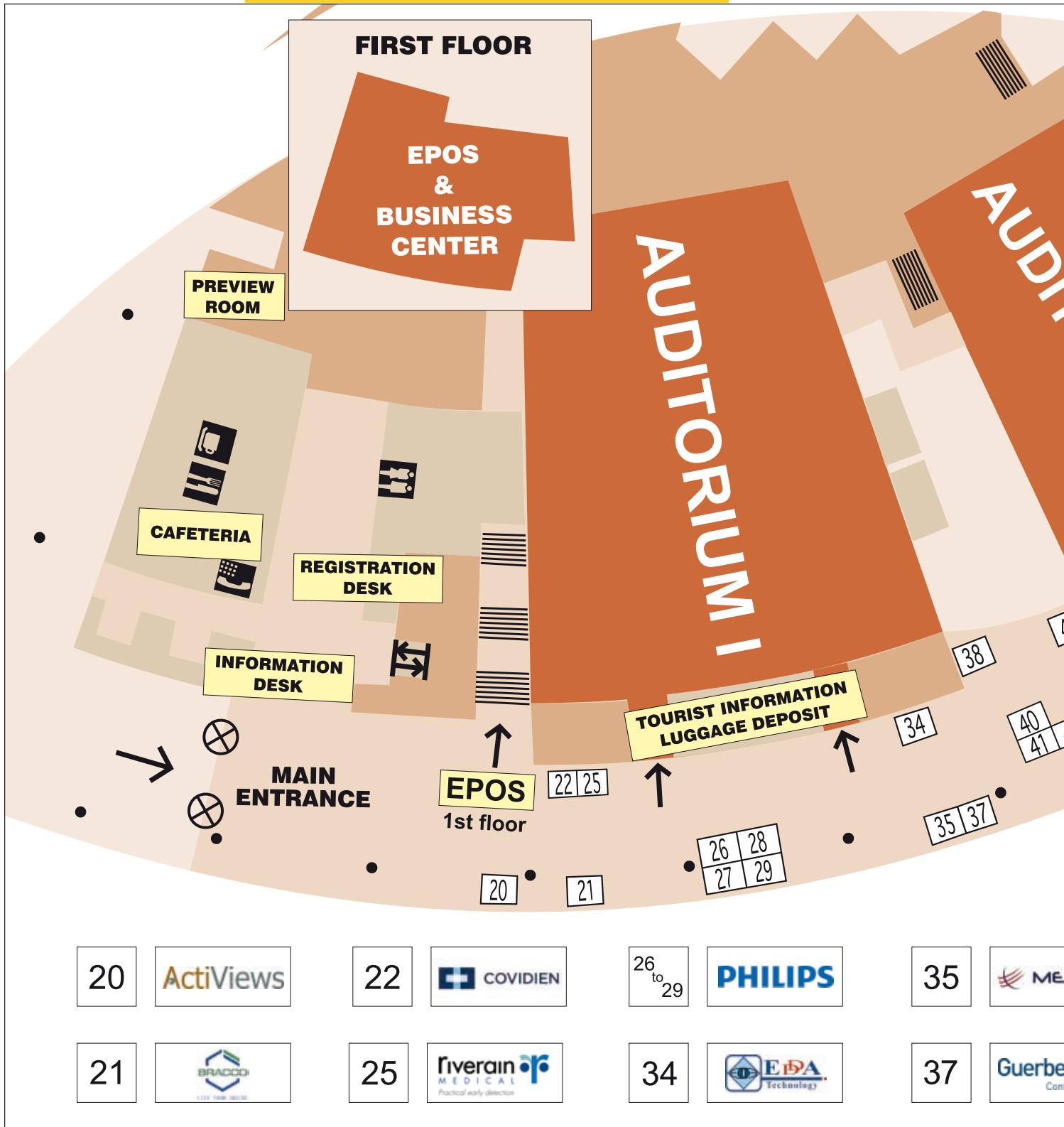
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<b>GE Healthcare</b>	Avda. Europa 22, 2 <sup>a</sup> pl. - Tel. 91.66.325.00 <a href="http://www.gehealthcare.com">www.gehealthcare.com</a> - <a href="mailto:anabel.fernandezalfageme@ge.com">anabel.fernandezalfageme@ge.com</a>
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**SOCIETIES:**

<b>ESTI European Society of Thoracic Imaging</b>	Neutorgasse 9/2a, 1010 Viena, Austria - Tel 0043 1 533 40 64 23 <a href="http://www.esti-society.org">www.esti-society.org</a> - <a href="mailto:office@esti-society.org">office@esti-society.org</a>
<b>FLEISCHNER SOCIETY</b>	1891 Preston White Drive, Reston, VA, USA - Tel. 703-716-7588 <a href="http://www.Fleischner.org">www.Fleischner.org</a> - <a href="mailto:sroberts@acr.org">sroberts@acr.org</a>
<b>JSTR Japanese Society of Thoracic Radiology</b>	Seta-Tsukinowa-cho, Otsu, Shiga 520-2192, Japan - Tel. 81-77-548-2288 <a href="http://jtrg.umin.jp">http://jtrg.umin.jp</a> - <a href="mailto:jtrg-acd@umin.ac.jp">jtrg-acd@umin.ac.jp</a>
<b>KSTR Korean Society of Thoracic Radiology</b>	3-1-GA; Tongdaesin-Dong, Seo-Gu, Department of Radiology Dong-A University Hospital, Busan, 602-715, Korea - Tel. 82-51-240-5375 - <a href="http://www.kstr.or.kr">www.kstr.or.kr</a> - <a href="mailto:gnlee@dau.ac.kr">gnlee@dau.ac.kr</a>
<b>SEPAR Sociedad Española de Neumología y Cirugía Torácica</b>	C/ Provença, 108, bajos 2 <sup>a</sup> - 08029 Barcelona - Tel. 934878565 <a href="http://www.separ.es">www.separ.es</a> - <a href="mailto:ssepar@separ.es">ssepar@separ.es</a>
<b>SERAM Sociedad Española de Radiología Médica</b>	Goya 38, 3 <sup>o</sup> izda, 28001 Madrid - Tel. 91-5752613 <a href="http://www.seram.es">www.seram.es</a> - <a href="mailto:secretaria@seram.es">secretaria@seram.es</a>
<b>STR Society of Thoracic Radiology</b>	c/o Matrix Meetings, Inc., 1202 1/2 Seventh Street NW, Suite 209, Rochester, MN 55901 USA Tel. 507-288-5620 - <a href="http://www.thoracicrad.org">www.thoracicrad.org</a> - <a href="mailto:barbara@matrixmeetings.com">barbara@matrixmeetings.com</a> or <a href="mailto:thoracicrad.org">thoracicrad.org</a>

# 2nd WORLD CONGRESS

OF THORACIC IMAGING AND  
DIAGNOSIS IN CHEST DISEASE



VALENCIA

**Valencia** has approximately 805,000 inhabitants and is located in the east of the Iberian Peninsula, on the Mediterranean coast. Its strategic position on the Mediterranean means that Valencia is one of Europe's most important container ports.

Valencia is the capital of the Region of Valencia, one of 17 Autonomous Communities making up the Spanish state. Valencia is also capital of the province which bears its name. Valencia is therefore the administrative, political and to a large degree, the economic capital of the Region of Valencia. Since 1982, the Valencians have had their own statute of autonomy, with their own regional government and official bodies such as La Generalitat, El Consell, Las Cortes Valencianas and El Tribunal Superior de Justicia.

With approximately 2,700 hours of sunshine per year Valencia enjoys an excellent average temperature of 20°C. Valencians enjoy warm sunny mornings almost every day of the year. Perhaps it's the benign climate and the ever-present sunshine that make Valencia, such an open city, with countless open-air bars, restaurants and, above all, people out in the streets.



**Travel to and from Valencia:** Valencia Airport is located 8 kms from the city centre.

#### Arrival/ Plane:

UNDERGROUND:

Line 5 Airport/Torrent Avinguda-Neptú.

Every 10-20 minutes approx.

Line 3 Airport/Palmaret-Rafelbunyol.

Every 10-20 minutes approx.

Approx. price: € 1.80

TAXI:

Approx. cost Airport-Valencia city centre: € 20

MANISES INTERNATIONAL AIRPORT:

Information Service: Phone +34 961 598 500

[www.aena.es](http://www.aena.es)

**Public Transport:** Traveling on public transport is easy and not as expensive as in many other major European cities. There are many metro stops, buses and trams which go directly into the center. All have easy to understand websites where you can plan your journey in Valencia.

The bus is the preferred way of getting around the city. You can view a map of the routes on the EMT website ([www.emtvalencia.es](http://www.emtvalencia.es)) or even pick up a map from any tourist office.

The metro is another good way of moving around Valencia and, even though it doesn't cover as many areas as the bus network, it is particularly handy if you want to reach the heart of the town from the Conference Centre. You can view a map of the metro routes at [www.metrovalencia.com](http://www.metrovalencia.com)

**Language:** There are two official languages in Valencia: "Valenciano", used in the Valencian Community, and Spanish, Spain's official language.

**Currency:** The official currency in Spain is Euros (€).



**Time Zone:** The time zone in Valencia is GMT + 1 hour. Day-light Saving Time is used during the summer. People generally eat later than in other European countries: breakfast (between 7:30 am and 10:00 am) is similar to the continental style. Restaurants serve lunch between 1:30 pm and 4:00 pm, and dinner from 9:00 pm until 11:00 pm. All day meals are also available in some places.

**Postal Services:** The Central Post and Telegraph Office (Plaza del Ayuntamiento, 24) is open on weekdays from 8:30 am to 8:30 pm and between 9:30 a.m. and 2:00 pm on Saturdays. Stamps are also available in all tobacconists. Telephone: (+34) 96 310 27 30.

**Weather:** Valencia enjoys a mild temperate Mediterranean climate. The average annual temperature is 20°C with warm summers and very mild winters, rarely below 10°C. There is only light rainfall mainly in autumn and the beginning of spring.

**Tipping:** Tips are included in all prices and bills, so tipping is not considered obligatory. However, if the service received is considered satisfactory, especially in bars and restaurants, a tip is often left.

**Banks:** Most banks are open from Monday to Friday between 8:30 am and 2:00 pm. Only a few branches open on Saturday mornings. There are 24-hour automatic tellers around the city, and most (Servedire, 4B, etc.) offer international services.

**Credit cards:** Most hotels, restaurants and shops in Valencia accept the main credit cards such as American Express, VISA, Mastercard, 4B, Access and Diners Club.

**Medication:** Prescriptions and over-the-counter medicine are only available at pharmacies. These are open during normal shopping hours and some of them are open 24 hours a day. Depending on your citizenship, different conditions apply to medical treatment: EU/EEA citizens: Bring a European Health Insurance Card, issued by your local Social Insurance Office. With this card you have access to medical services on the same conditions as the Spanish citizens.

**Electricity:** The electrical current in Spain is 220V/50 Hz. Round European style two-pin plugs are used. Appliances designed to operate in 110/120 V need a voltage converter and a plug adapter.

**Going out:** Valencian gastronomy is varied, natural and traditional. The fruit and vegetables of this fertile land, fresh fish and abundant seafood provide the main ingredients of an exquisite Mediterranean cuisine.

The centre of Valencian nightlife is the Barrio del Carmen, in the heart of the old town. There are restaurants, quiet cafes, lively open-air patios, and all sorts of bars and discos for listening to the latest sounds or dancing the night away. Other good nightlife areas are to be found in and around the Avenida de Aragón, Plaza de Canovas, and the university zone of Avenida Blasco Ibáñez, Plaza de Honduras, Plaza Xúquer and Juan Llorens.

**Shopping:** On weekdays, shops are open between 10 am and 8 pm or 8.30 pm and until 10 pm for department stores, on Saturdays between 10 am and around 9 pm, department stores and shopping centres are closed on Sundays.

**Markets of interest:** The Mercado Central is a fusion of aroma and colour set in a building known for its exceptional modern architecture and the Mercado Colón is another architectural jewel which has recently been refurbished with modern cafes, restaurants, a commercial centre, craft shops and flower stalls.



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## TOURS

### VALENCIA CITY TOUR – Sunday, May 31, 2009

A guided visit focused on the historical city centre and the most outstanding areas of Valencia. The visit starts from the medieval area and its most interesting monuments. Afterwards, a bus will take you for a panoramic tour around Valencia. You will discover the most modern part of the city and the Port, host of the 32nd and 33rd America's Cup.

#### DETAILS

##### 10:00: Departure from Valencia Conference Centre

Morning Bus Tour: River Turia park, Modernist Valencia, Columbus Market, Bullring, Central Railway Station, Calle de la Paz (Peace Street).

Walking tour: Valencia Cathedral, Sanctuary of Our Lady of the Forsaken, Valencia's Roman foundations (138 b.C.), Arab Baths, St. John's Crusaders' Church, ancient University, The Palace of the Marquis, Round Square, Central Market.

##### 13:00: Lunch

Afternoon Bus Tour: City of Art and Sciences, Port America's Cup, Malvarrosa Beach.

##### 16:00: Return to Conference Centre

PRICE: 90€



### THE CITY OF ARTS AND SCIENCES –

#### Monday, June 1, 2009

The City of Arts and Sciences (La Ciutat de les Arts i les Ciències) is a spectacular and imposing space designed by architect Santiago Calatrava. This centre for leisure and culture, with its avant-garde architecture, is set firmly within the 21st century. At the Hemisfèric you can watch the very latest IMAX films. The Príncipe Felipe Science Museum is located in a spectacular building and offers exhibitions where touching is permitted and whe-

re visitors can run all sorts of fascinating hands-on experiments. The Oceanogràfic reproduces all the ecosystems of our planet, with an astounding diversity of flora and fauna. The Palau de les Arts, with its spectacular oval-shaped design, is the place for seeing the best operas, concerts and stage performances.

#### DETAILS

10:00: Departure from Valencia Conference Centre and visit of the Oceanogràfic.

##### 13:00: Lunch

15:00: Visit of the City of Arts and Sciences, explanation of each one of the buildings and entry to the Príncipe Felipe Science Museum. Return trip by Malvarrosa beach and University Campus.

PRICE: 110€

### THE ALBUFERA NATURAL RESERVE

The park is home to the largest lake in Spain and one of the most important wetland areas in the Iberian Peninsula. It is a place of great ecological interest with rare species of wading birds and a rich variety of wildlife. Its waters have been traditionally worked by fishermen and rice growers. The Albufera supplies ingredients and inspiration for many of the region most succulent dishes. Definitely the best place to taste local gastronomy.

#### DETAILS

10:00: Departure from Valencia Conference Centre and visit of the Cabecera Park.

11:00: Transfer to the Albufera Lake Resort

12:00: Sailing with a typical Valencian boat to the birds protected area.

13:00: Lunch with Paella in a typical restaurant of a fishermen village.

15:00 Return to Conference Centre

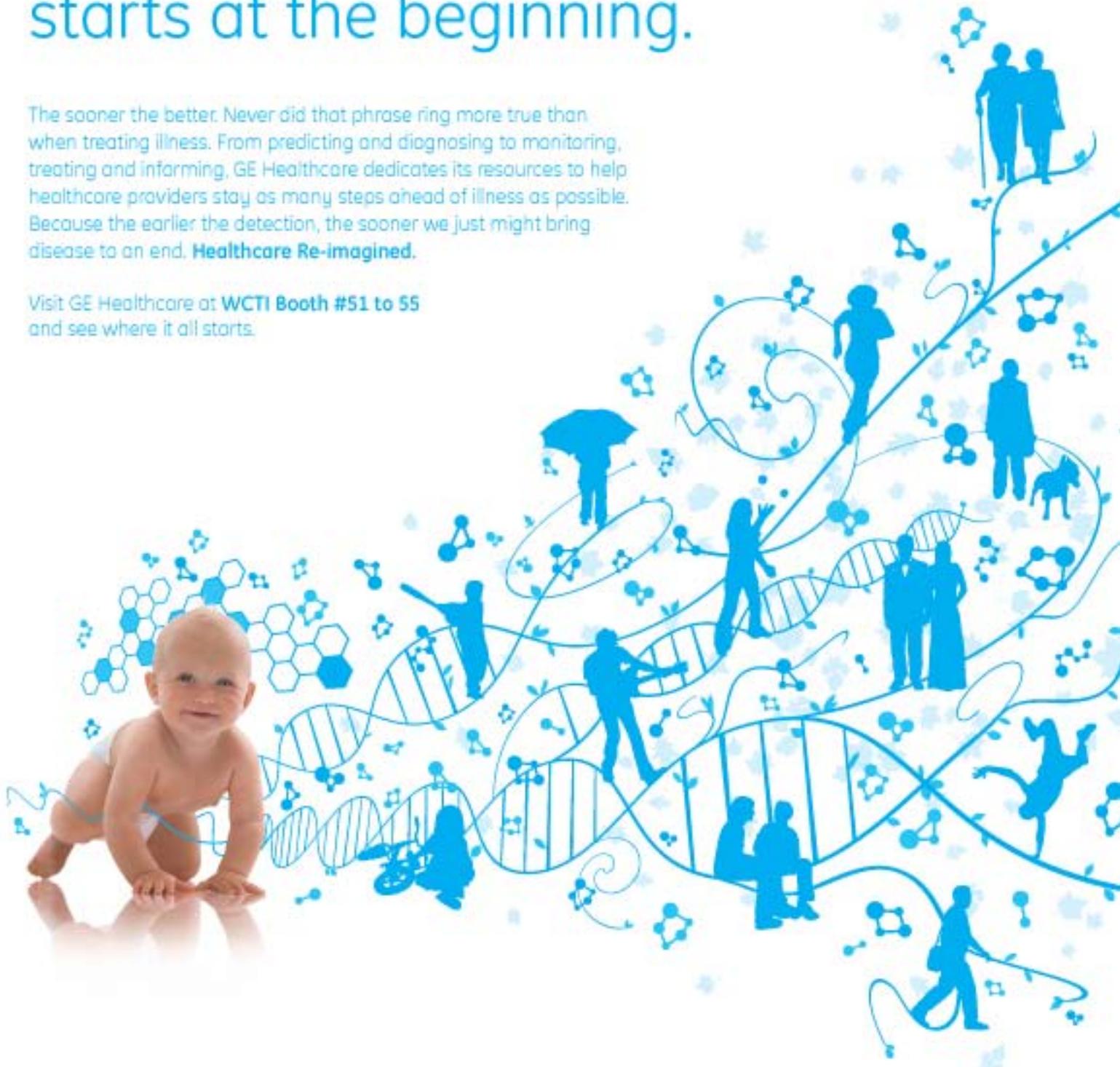
PRICE: 100€



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Universidad, 4 46003 Valencia SPAIN  
Tel: +34 96 352 48 89  
Fax: +34 96 394 25 58  
[2wcti@geyseco.es](mailto:2wcti@geyseco.es)