

ESCR ESTI JOINT MEETING 2023

OCTOBER 26-28
BERLIN, GERMANY

**FINAL
PROGRAMME**

DEAR COLLEAGUES, FRIENDS AND SPONSORS,

on behalf of the European Societies of Cardiovascular Radiology and Thoracic Imaging, it is our great pleasure to invite you to come to Berlin for our second joint meeting 2023.

The meeting will take place in the heart of the city at a venue which combines optimum convenience for our meeting and comfortable accommodation on site. Public transport options to reach the site are ample, with Berlin main station nearby and fast S-Bahn connection to the airport. Besides the comprehensive educational and scientific program, the participants will have the chance to get a good taste of Berlin right outside the convention center: The worldwide known sights of the city are located at foot walking distance or just a short S-Bahn ride away.

The congress programme will appreciate the potential synergies of a joint meeting, featuring a common track of educational and scientific lectures focusing on particularly interesting overlapping topics from both imaging fields – to be surrounded by a colorful bunch of lectures and workshops from all over cardiovascular and thoracic imaging.

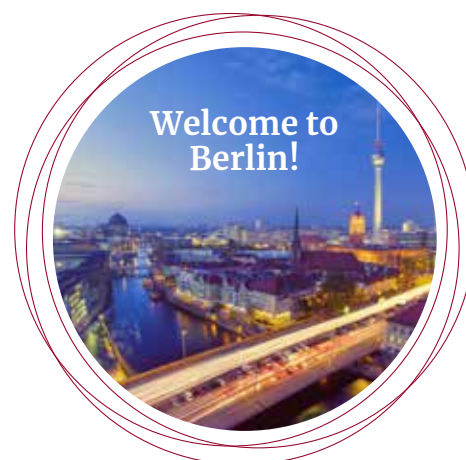
As an ouverture, educational thoracic/cardiac imaging workshops of the Roentgen society of our host country (DRG) are planned the day before the meeting and will take the lead, preparing for a flying start into the main programme.

Covering all formats of lectures from plenary sessions and state-of-the-art presentations to “hands on” in small groups, we will review and discuss the current best clinical practice and explore the future developments in our fields. We hope for stimulating and enjoyable discussions during the sessions, as much as during the informal features of the meeting, where there will be many opportunities for discussion, to meet and greet colleagues from many different horizons and backgrounds, to exchange, compare and learn. To take home new inspirations for your daily work and research and, last but not least, to establish new professional collaboration, networking and friendship.

Berlin itself needs no advertising. Around the meeting, feel invited to dive into the unique spirit of the place with its experimental, modern and inspiring atmosphere grounded on former and new elegance and its controversial history at the watershed between west and east. We invite you to take the extra time to see the museums, to taste the art and culture life of the city and to enjoy so much more there is to see and do.

Karl-Friedrich Kreitner
ESCR 2023 Congress President

Jürgen Biederer
ESTI 2023 Congress President



ESCR-ESTI FACULTY

Suhny Abbata, Dallas/US
Hatem Alkadhi, Zurich/CH
Galit Aviram, Tel-Aviv/IL
Judith Babar, Cambridgeshire/UK
Henriette Bast, Munich/DE
Catherine Beigelman-Aubry, Lausanne/CH
Dietrich Beitzke, Vienna/AT
Liisa L. Bergmann, Kentucky/US
Jürgen Biederer, Heidelberg/DE
Sara Boccalini, Lyon/FR
Marcus Both, Kiel/DE
Jens Bremerich, Basel/CH
Pierre-Yves Brillet, Bobigny/FR
Jordi Broncano, Córdoba/ES
Ricardo Budde, Rotterdam/NL
Federico Caobelli, Muttentz/CH
Iacopo Carbone, Rome/IT
João Gomes Carvalho, Porto/PT
Eva Castañer González, Castelldefels/ES
Federica Catapano, Rome/IT
Rok Cesar, Ljubljana/SI
Guillaume Chassagnon, Paris/FR
Byoung Wook Choi, Seoul/KR
Giuseppe Cicchetti, Rome/IT
Pierluigi Ciet, Estero/NL
Emmanuel E. Coche, Brussels/BE
Giulia Cundari, Rome/IT
Jean-Nicolas Dacher, Rouen/FR
Maximilian de Bucourt, Berlin/DE
Carlo Nicola De Cecco, Atlanta/US
Walter De Wever, Leuven/BE
Anand Devaraj, London/UK
Marc Dewey, Berlin/DE
Stefan Diederich, Dusseldorf/DE
Julien Dinkel, Munich/DE
Felix Doellinger, Berlin/DE
Matthias Eberhard, Zurich/CH
Tilman Emrich, Mainz/DE
Antonio Esposito, Milan/IT
Borek Foldyna, Boston/US
Sabine Franckenberg, Zurich/CH
Marco Franccone, Milan/IT
Tomás Franquet, Barcelona/ES
Thomas Frauenfelder, Zurich/CH
Christina Fuss, Portland/US
Nicola Galea, Rome/IT
Benoit Ghaye, Brussels/BE

Fergus Gleeson, Oxford/UK
Jin Mo Goo, Seoul/KR
Deepa Gopalan, Stockholm/SE
Philippe A. Grenier, Saint Cloud/FR
Mathias Gutberlet, Leipzig/DE
Moritz Halfmann, Mainz/DE
Okka Hamer, Regensburg/DE
Bernd Hamm, Berlin/DE
Ieneke Hartmann, Rotterdam/NL
Claus Peter Heussel, Heidelberg/DE
Nigel Howarth, Chêne-Bougeries/CH
Maja Hrabak Paar, Zagreb/HR
Colin Jacobs, Nijmegen/NL
Alexis Jacquier, Marseille/FR
Sonja Jankovic, Nis/RS
Catherine Jones, Brisbane/AU
Alexandros Kallifatidis, Thessaloniki/GR
Hans-Ulrich Kauczor, Heidelberg/DE
Anna Kerpel-Fronius, Budapest/HU
Kakuya Kitagawa, Tsu/JP
Karl-Friedrich Kreitner, Mainz/DE
Niki Lama, Athens/GR
Anna Rita Larici, Rome/IT
Tim Leiner, Rochester/US
Patricia Leutz-Schmidt, Heidelberg/DE
Sebastian Ley, Munich/DE
Christian Loewe, Vienna/AT
Christian Luecke, Leipzig/DE
Julian A. Luetkens, Bonn/DE
Robert Manka, Zurich/CH
Edith Marom, Ramat Gan/IL
Onno M. Mets, Weesp/NL
Elie Mousseaux, Paris/FR
Giuseppe Muscogiuri, Bergamo/IT
Arjun Nair, London/UK
Luigi Natale, Rome/IT
Konstantin Nikolaou, Tuebingen/DE
Mariaelena Occhipinti, Collesalvetti/IT
Yoshiharu Ohno, Toyooka/JP
Anastasia Oikonomou, Toronto/CA
Chang Min Park, Seoul/KR
Anagha P. Parkar, Bergen/NO
Charles Peebles, Southampton/UK
Maja Pirnat, Maribor/SL
Nils Robrecht Planken, Amsterdam/NL
François Ascagne Pontana, Lille/FR
Monika Radiké, Liverpool/UK
Maija Radzina, Riga/LV

Francesca Raimondi, Paris/FR
Ursula Reiter, Graz/AT
Martine Remy-Jardin, Lille/FR
Marie-Pierre Revel, Paris/FR
Carole A. Ridge, London/UK
Luca Saba, Cagliari/IT
Rodrigo Salgado, Antwerp/BE
Laura Saunders, Sheffield/UK
Cornelia Schaefer-Prokop, Amersfoort/NL
Christopher Schlett, Freiburg/DE
Heidi Schmidt, Toronto/CA
Uwe Joseph Schoepf, Charleston/US
Nicholas Screatton, Cambridge/UK
Francesco Secchi, Milan/IT
Aurelio Secinaro, Rome/IT
Joon Beom Seo, Seoul/KR
Mario Silva, Parma/IT
Annemiek Snoeckx, Edegem/BE
Arthur Soares Souza Junior, Sao José do Rio Preto/BR
Dominika Suchá, Utrecht/NL
Nicola Sverzellati, Parma/IT
Andrew Swift, Sheffield/UK
Mariia Tregubova, Kyiv/UA
Antonio Triani, Bolzano/IT
Edwin van Beek, Edinburgh/UK
Akos Varga-Szemes, Charleston/US
Birgitta K. Velthuis, Utrecht/NL
Johnny A. Verschakelen, Leuven/BE
Rozemarijn Vliegenthart, Groningen/NL
Willi Wagner, Heidelberg/DE
Jonathan Weir-McCall, Cambridge/UK
Mark O. Wielpütz, Heidelberg/DE
Joachim E. Wildberger, Maastricht/NL
Michelle Williams, Edinburgh/UK
Bernd J. Wintersperger, Toronto/CA
Dag Wormanns, Berlin/DE

PROGRAMME THURSDAY, OCTOBER 26, 2023

08:30-10:00 ESCR for ESTI Youngsters

Room 1

Moderators: G. Cundari, Rome/IT; M. Tregubova, Kyiv/UA

- 08:30 How to do a cardiac CT
D. Beitzke, Vienna/AT
- 08:50 Clinical applications for cardiac CT
M. Eberhard, Zurich/CH
- 09:10 How to do a cardiac MRI
N. Galea, Rome/IT
- 09:30 Clinical applications for cardiac MR
F.A. Pontana, Lille/FR
- 09:50 Discussion

08:30-10:00 ESTI for ESCR Youngsters – Basics

Room 2

Moderators: P. Leutz-Schmidt, Heidelberg/DE; D. Wormanns, Berlin/DE

- 08:30 A systematic approach to reading CXR
O. Hamer, Regensburg/DE
- 08:50 A systematic approach to reading lung CT: Pattern recognition
G. Cicchetti, Rome/IT
- 09:10 A systematic approach to reading lung CT: Increased and decreased density
T. Franquet, Barcelona/ES
- 09:30 A systematic approach to reading lung CT: Airway disease
J. Dinkel, Munich/DE
- 09:50 Discussion

10:00-10:30 Coffee Break

10:30-11:45 Opening Ceremony: Where heart and lungs meet

Room 1

Moderators: J. Biederer, Heidelberg/DE; K-F. Kreitner, Mainz/DE

- 10:30 Welcome address
J. Biederer, Heidelberg/DE; K-F. Kreitner, Mainz/DE
- 10:40 Short animation film Berlin
K-F. Kreitner, Mainz/DE
- 10:45 Guidelines pulmonary hypertension: New role of imaging
M. Remy-Jardin, Lille/FR
- 11:05 Pulmonary hypertension due to left heart disease: Role of CT and MR
D. Gopalan, Stockholm/SE
- 11:25 Assessment of pulmonary hemodynamics: Can we predict mPAP by cross-sectional imaging?
A. Swift, Sheffield/UK

10:30-12:00 EBCR Diploma Preparatory Session: How-I-do-It (Basic)

Room 2

Moderators: A. Kallifatidis, Thessaloniki/GR; D. Suchá, Utrecht/NL

- 10:30 Assessment of myocardial inflammation
R. Manka, Zurich/CH
- 10:45 Assessment of myocardial fibrosis
J-N. Dacher, Rouen/FR
- 11:00 My approach to ARVC
F. Secchi, Milan/IT
- 11:15 My approach to restrictive cardiomyopathy
C. Peebles, Southampton/UK
- 11:30 My approach to dilated cardiomyopathy
M. Francone, Milan/IT
- 11:45 Discussion

12:15-13:15 Industry sponsored lunch symposium

Advancements in cardiovascular and thoracic imaging with world's first photon-counting CT – NAEOTOM Alpha

M. Remy-Jardin, Lille/FR; B. Szilveszter, Csorna/HU

♥ Room 2

12:15-13:15 Industry sponsored lunch symposium

Revolutionizing Healthcare: Breakthroughs in AI for Lung Cancer Screening and Cardiac Imaging

C. Schaefer-Prokop, Amersfoort/NL

PIQE Cardiac & SilverBeam

D. Overhoff, Koblenz/DE

Ai in LCS

C. Jacobs, Nijmegen/NL

📺 Room 3

13:30-15:00 Common Topics 1 – Cardiothoracic Lightning Session I

Moderators: J. Dinkel, Munich/DE; M. Hrabak Paar, Zagreb/HR

Room 1

13:30 Clinical imaging in acute PE – State of the art

G. Aviram, Tel Aviv/IL

13:42 Right heart failure in acute PE – What to know and see

E. Mousseaux, Paris/FR

13:54 Endovascular thrombectomy in acute PE

M. de Bucourt, Berlin/DE

14:06 Prediction of CTEPH in patients with suspected acute PE

S. Ley, Munich/DE

14:18 Cardiac adaptation to PH

J. Broncano, Cordoba/ES

14:30 Underlying pulmonary disease in PH

E. Van Beek, Edinburgh/UK

14:42 Indications for intervention in PH

N. Screatton, Cambridge/UK

14:54 Discussion

13:30-15:00 ESCR Scientific Session 1 – New Techniques

Moderators: G. Muscogiuri, Milan/IT; M. Williams, Edinburgh/UK

♥ Room 2

13:30 Key-note lecture: Cardiovascular Imaging: New kids on the block

S. Boccalini, Lyon/FR

13:40 Improving the positive predictive value of coronary CT angiography in chest pain patients using ultra-high resolution photon counting CT

M. Halfmann, Mainz/DE

13:48 Virtual Non-iodine Images for Cardiac Calcium Scoring using Photon Counting Detector CT

V. Mergen, Zurich/CH

13:56 The Feasibility of CT-based Fractional Flow Reserve Using a Clinical Photon Counting Detector CT System

E. Zsarnoczay, Charleston/US

14:04 Saving Contrast Media in Coronary CT Angiography with Photon Counting Detector CT

G. Cundari, Rome/IT

14:12 Coronary Artery Calcium Scoring on Photon-Counting Detector CT: Towards a New Standard 2.0

N. Fink, Charleston/US

14:20 Exploring the Use of Time-Resolved MRA for Evaluating Left Atrial Pressure in Atrial Fibrillation Patients: A Feasibility Study.

S.H. Hwang, Seoul/KR

14:28 Diagnosis of high-grade left ventricular diastolic dysfunction from the 4D flow-derived left atrial acceleration factor

G. Reiter, Graz/AT

14:36 AI segmentation on ungated CT identified CMR defined LA dilatation

L. Tapper, Sheffield/UK

- 14:44 Towards Building a Deep Learning Tool Dedicated for Segmentations of Cardiovascular Structures from Chest CT Data Sets
D. Hinck, Basel/CH
- 14:52 Dedicated Cardiovascular Screening in Lung Cancer Screening: Preliminary Results from the European 4-IN-THE-LUNG-RUN Trial
M. Vonder, Groningen/NL

13:30–15:00 Masterkurs Thorax – Compatible 90° – LCS I: Challenges
Moderators: A. Kerpel-Fronius, Budapest/HU; C. Ridge, London/UK

 Room 3

- 13:30 Atypical presentations of lung cancer
I. Hartmann, Rotterdam/NL
- 13:48 Benign lung tumours
A. Snoeckx, Edegem/BE
- 14:06 Lung nodule characterization with AI
C. Jacobs, Nijmegen/NL
- 14:24 Significant findings other than l. nod. in LCS
J.M. Goo, Seoul/KR
- 14:42 Rationale of LCS – Why? How? When?
C. Schaefer-Prokop, Amersfoort/NL

15:00–15:30 Coffee Break

15:30–17:00 Common Topics 2 – Advanced Techniques
Moderators: H. Alkadhi, Zurich/CH; E. Coche, Brussels/BE

Room 1

- 15:30 Spectral imaging: Cardiac
R. Budde, Rotterdam/NL
- 15:45 Spectral imaging: Lungs
S. Franckenberg, Zurich/CH
- 16:00 4D Flow in cardiovascular imaging
U. Reiter, Graz/AT
- 16:15 Ultrasound of lung parenchyma
M. Radzina, Riga/LV
- 16:30 Dark field imaging of the lung
H. Bast, Munich/DE
- 16:45 Xenon-MRI
L. Saunders, Sheffield/UK

**15:30–17:00 ESCR meets ASCI:
Risk Stratification and Prognosis in Non-Ischemic Cardiomyopathy**
Moderators: B.W. Choi, Seoul/KR; B. Hamm, Berlin/DE

 Room 2

- 15:30 Update on current guidelines and recommendations
L. Natale, Rome/IT
- 15:45 LGE imaging
K. Kitagawa, Tsu/JP
- 16:05 Mapping (T1 + ECV)
J. Bremerich, Basel/CH
- 16:25 Strain imaging
B.W. Choi, Seoul/KR
- 16:45 Panel Discussion: Which technique wins the race?
J. Bremerich, Basel/CH; B.W. Choi, Seoul/KR; K. Kitagawa, Tsu/JP; L. Natale, Rome/IT

15:30-17:00 Masterkurs Thorax – Compatible 90° – LCS II: Implementation

Room 3

Moderators: C. Jacobs, Nijmegen/NL; M-P. Revel, Paris/FR

- 15:30 Over-diagnosis in LCS
S. Diederich, Dusseldorf/DE
- 15:50 Implementation of LCS: How to overcome Bottlenecks
H-U. Kauczor, Heidelberg/DE
- 16:05 LCS in Europe
M. Silva, Parma/IT
- 16:20 LCS in Korea and Asia
J.M. Goo, Seoul/KR
- 16:35 The ESTI training programmes – LCS
M-P. Revel, Paris/FR
- 16:40 The ESTI training programmes – Diploma
A.P. Parker, Bergen/NO
- 16:45 Discussion

15:30-16:35 ESCR Scientific Poster Session

Room 4

Moderator: C. Loewe, Vienna/AT

- 15:30 Diagnostic accuracy of spectral CT aortograms for the detection of acute myocardial infarction
A. Awwad, London/UK
- 15:35 Gender Differences in Aortic Stenosis: A Phase-Contrast Cardiac MRI Study
F. Troger, Innsbruck/AT
- 15:40 Characterization of pulmonary regurgitation (PR) with 2D phase contrast magnetic resonance imaging (2D-PC CMR) in patients with tetralogy of Fallot (TOF) before and after intervention in the right ventricular outflow tract (RVOT)
C. Berntsson, Gothenburg/SE
- 15:45 Role of CMR-FT in evaluating the cardioprotection of a chronic hypobaric hypoxic environment at high altitude on ISO-induced myocardial injury in rats.
Y. Qin, Chengdu/CH
- 15:50 4D-flow CMR pulmonary artery volume-pressure loops to improve phenotyping pulmonary hypertension groups
C. Palacios-Echavarren, Barcelona/ES
- 15:55 Cardioprotective Effects of High-Altitude Hypobaric Hypoxia on Myocardial Infarction: A Strain Analysis in Rat Models Using 7.0T Cardiovascular Magnetic Resonance
X. Fang, Chengdu/CH
- 16:00 Optimal contrast medium dose by body weight in CCTA varies by tube-voltage
J.B. Leiknes, Stavanger/NO
- 16:05 Quantification of myocardial scar of both ischemic and non-ischemic origin using dark- and bright-blood late gadolinium enhancement MRI
R. Holtackers, Maastricht/NL
- 16:10 Ultra-high Resolution Versus Calcium Removal Algorithm for Stenosis Evaluation with Photon-counting CT Using a Cardiac Motion Phantom
E. Zsarnoczay, Charleston/US
- 16:15 CCTA in the Clinical Workflow of Athletes with Anomalous Origin of Coronary Arteries from the Contralateral Valsalva Sinus
E. Moliterno, Rome/IT
- 16:20 CT-derived radiomic features of epicardial adipose tissue as a marker of coronary artery disease
N. Mobini, Milan/IT
- 16:25 Radiation Dose Reduction Using Virtual Non-iodine-based Coronary Artery Calcium Scoring on Photon-counting Detector CT
N. Fink, Charleston/US
- 16:30 Improved Detection of Low-Density and Small Plaques in Coronary Artery Calcium Scoring Using a Virtual Non-iodine Algorithm on Photon-Counting Detector CT
N. Fink, Charleston/US

16:55-17:45 ESTI/KSTR Poster Session

Room 4

Moderators: J. Dinkel, Munich/DE; J.B. Seo, Seoul/KR

- 16:55 Difference in the prognostic value of lymphovascular and visceral pleural invasion based on presence of ground-glass opacity in stage I lung adenocarcinoma
H. Park, Seoul/KR
- 17:00 MDCT analysis of the Arteria Praebronchialis: a rare major branch of the left pulmonary artery
B.M. Gil, Seoul/KR
- 17:05 Pretreatment Interstitial Lung Abnormality Detected on Abdominal Computed Tomography in Prostate Cancer Patients
J.Y. Lee, Hwasun/KR
- 17:10 Prolong intercostal muscle wasting in follow-up of patients with COVID
M.J. Park, Jinju/KR
- 17:15 Overlooked acute myocardial infarction and intramural hematoma on abdomen CT in patients presented with nonspecific abdominal pain
S.M. Yoo, Gyeonggi-do/KR
- 17:20 SARS-CoV-2 Omicron variant infection in immunocompromised patients: clinical and imaging characteristics
K-I. Kim, Yangsan/KR
- 17:25 18G automated gun biopsy without coaxial introducer versus 20G semi-automated gun biopsy with coaxial introducer for subpleural lung biopsy
C. Park, Cheonan-si/KR
- 17:30 Era of Rib Fracture Using Artificial Intelligence in Chest CT in Trauma Patients: Can we solve it?
G.Y. Jin, Jeon Ju/KR
- 17:35 Pericardial diverticulum arising from the right lateral superior aortic recess of the pericardium: demonstration of representative cases
Y.W. Choi, Seoul/KR
- 17:40 Hilar abnormalities on chest radiograph
E.S. Lee, Seoul/KR

17:05-18:05 Joint Quiz Session – Basic

Room 1

M. Radiké, Liverpool/UK; M. Tregubova, Kyiv/UA

PROGRAMME FRIDAY, OCTOBER 27, 2023

07:30-08:00 ESTI General Assembly

 Room 3

08:00-09:30 Common Topics 3 – Inflammatory/Rheumatologic Disease

Room 1

Moderators: R. Cesar, Gdlnik/SI; M. Francone, Milan/IT

08:00 Collagen vascular diseases – Lung

P.-Y. Brillet, Bobigny/FR

08:15 Collagen vascular diseases – Heart

J. Carbone, Rome/IT

08:30 Eosinophilic pneumonia

M. Both, Kiel/DE

08:45 Eosinophilic myocarditis

J. Luetkens, Bonn/DE

09:00 Pulmonary sarcoidosis

C. Ridge, London/UK

09:15 Cardiac sarcoidosis

B. Velthuis, Utrecht/NL

08:00-09:22 ESCR Scientific Session 2 – Tissue Characterization

 Room 2

Moderators: M. Eberhard, Zurich/CH; M. Pirnat, Maribor/SI

08:00 Key-note lecture: Tissue Characterization: Towards quantitative imaging

A. Esposito, Milan/IT

08:10 Tissue characterisation of acute right-atrial ablation lesions during MRI-guided atrial flutter ablation

R. Holtackers, Maastricht/NL

08:18 Multiparametric CT-characterisation of myocardial tissue remodeling in patients with severe aortic stenosis candidate to transcatheter aortic valve implantation

C. Gnasso, Milan/IT

08:26 Cardiac and Hepatic Iron Overload as Incidental Cardiac MRI Findings

J. Brendel, Tuebingen/DE

08:34 MRI-derived extracellular volume as a biomarker of cancer therapy cardiotoxicity: Systematic review and meta-analysis

C. Monti, Milan/IT

08:42 Native myocardial T1 mapping: Influence of spatial resolution on quantitative results and reproducibility

A. Dalmer, Rostock/DE

08:50 Left atrial strain imaging improves detection of various cardiomyopathies

C. Reichardt, Mainz/DE

08:58 Additional value of the Late Contrast Enhancement (LCE) scan for myocardial tissue characterization in patients with acute symptoms and troponin elevation undergoing cardiac CT.

D. Vignale, Milan/IT

09:06 Takotsubo cardiomyopathy: CMR-FT based evaluation of atrial and ventricular involvement during acute and sub-acute phases.

G. Pambianchi, Rome/IT

09:14 Cine Cardiovascular Magnetic Resonance Imaging on a Commercially Available 0.55 T Scanner with an 80 cm bore using a Pulse Sequence Prototype: A Pilot Study in Healthy Volunteers and Patients

M. Segeroth, Basel/CH

08:00-09:27 ESTI Scientific Session 1 – ESTI meets ECFS

Room 3

Moderators: P.L. Ciet, Rotterdam/NL; M.O. Wielpütz, Heidelberg/DE

08:00 Keynote Lecture: Cystic fibrosis – Anything new out there?

P.L. Ciet, Rotterdam/NL

08:13 Discussion

08:15 Magnetic Resonance Imaging Detects Delayed Perfusion Inside Perfusion Defects in Patients with Cystic Fibrosis

P. Leutz-Schmidt, Heidelberg/DE

08:21 Elexacaftor/Tezacaftor/Ivacaftor Improves Bronchial Artery Dilatation Detected by Magnetic Resonance Imaging in Patients with Cystic Fibrosis

L. Wucherpennig, Heidelberg/DE

08:27 Non-contrast-Enhanced Functional Lung MRI to evaluate treatment response of ABPA in CF patients

I. Benlala, Pessac/FR

08:33 Fully-automated Quantification of Functional Small Airway Disease on In- and Expiratory Chest CT Data Sets using Deep Learning

M. Pradella, Basel/CH

08:39 Quantitative Functional Computed Tomography Assessment of GvHD-related Bronchiolitis Obliterans: Identification of Relevant Parameters and Correlation with Lung Function Tests

D. Winkel, Basel/CH

08:45 CT-derived small and peel pulmonary vessel blood volume measurements as potential imaging biomarkers for the diagnosis of PAH and CTEPH

D. Alkhanfar, Sheffield/UK

08:51 Critical vs non-critical triage of chest X-rays based on a comprehensive AI model – validation on a ground-truthed

C. Jones, Sydney/AU

08:57 Dual-source dual-energy CTPA in obese patients with reduced contrast media volume: image quality and virtual monoenergetic reconstructions (VMI+).

P. Seitz, Leipzig/DE

09:03 Relationship between Right and Left Ventricle Function in Subjects Free of Cardiovascular Diseases

R. von Kruechten, Freiburg/DE

09:09 Angiography-MRI in the evaluation of Thoracic Outlet Syndrome

M. Ragusi, Monza/IT

09:15 Serial chest-CT up to more than 30 months after COVID-19 pneumonia: peribular pattern as predictor of long-term pulmonary sequelae.

A. Poerio, Imola/IT

09:21 The Impact of Vaccination on the Severity of COVID-19 Pneumonia: Effectiveness of mRNA and Adenovirus Vector Vaccines and Comparison Between Vaccinated and Unvaccinated Patients

A. Onori, Rome/IT

09:30-10:00 Industry sponsored slot –

Room 1

Veolity and Nelson Plus: lessons in transitioning from trials to practice

A. Nair, London/UK

09:30-10:00 Industry sponsored slot –

Room 2

Improving the Patients Journey: Radiographer Led CTCA

G. Morgan Hughes, Plymouth/UK

09:30-10:00 Industry sponsored slot –

Room 3

Systemic anti cancer therapy (SACT)-related ILD/pneumonitis in breast cancer patients

09:30 Overview of systemic anti cancer therapy (SACT)-related ILD/pneumonitis in breast cancer patients

N. Kneidinger, Munich/DE

09:45 Radiologist's role in optimising patient care for SACT-related ILD/pneumonitis

J. Dinkel, Munich/DE

10:00-10:30 Coffee Break

10:30-11:45 Common Topics 4 – Heart-Lung-Transplantation

Room 1

Moderators: L. Bergmann, Kentucky/US; M. Gutberlet, Leipzig/DE

10:30 Detection of lung transplant rejection

C. Fuss, Portland/US

10:45 The lung in GvHD

C.-P. Heußel, Heidelberg/DE

11:00 Detection of rejection: mpMRI

C. Luecke, Leipzig/DE

11:15 Transplant vasculopathy

B. Foldyna, Boston/US

11:30 Discussion

10:30-11:45 Chronic Coronary Syndromes (Basic)

Room 2

Moderators: M. Dewey, Berlin/DE; N.R. Planken, Amsterdam/NL

10:30 Overview on current guidelines

M. Williams, Edinburgh/UK

10:45 Coronary CTA: Plaque and stenosis assessment

N.R. Planken, Amsterdam/NL

11:00 Functional CT imaging FFR-CT and perfusion

J. Weir-McCall, Cambridge/UK

11:15 Role of cardiac MRI

R. Manka, Zurich/CH

11:30 Discussion

10:30-11:45 ESTI Scientific Session 2 – ESTI meets KSTR

Room 3

Moderators: F. Doellinger, Berlin/DE; C.-M. Park, Seoul/KR

10:30 Keynote Lecture: AI research step by step

C.-M. Park, Seoul/KR

10:43 Discussion

10:45 Deep Learning-based Augmented Contrast Enhancement and De-noising Algorithms for CT Pulmonary Angiography: Improved Vascular Opacification and Diagnosis of Pulmonary Emboli.

E.-S. Cho, Seoul/KR

10:51 Delayed diagnosis of distant metastases in non-small cell lung cancer patients who underwent surgery: incidence and survival outcomes

S. Park, Seoul/KR

10:57 Diagnostic accuracy and safety of CT-guided percutaneous core needle biopsy of lung for detecting malignancy in patients with chronic obstructive pulmonary disease

S. You, Suwon/KR

11:03 Detection of Incidental Pulmonary Emboli in Conventional Chest CT: Application of Deep Learning-based Augmented Contrast Enhancement and De-noising Algorithms

J.M. Shin, Incheon/KR

11:09 Comparison of clinical and imaging features of SARS-CoV2 Omicron variant sublineages

Y.-H. Kim, Gwangju/KR

11:15 Effect of Interstitial Lung Abnormality on Concurrent Chemoradiotherapy-treated Stage III Non-small Cell Lung Cancer Patients

W. G. Jeong, Hwasun-gun, Jeollanam-do/KR

11:21 CT texture analysis of mediastinal lymphadenopathy on screening low dose CT for lung cancer

K. E. Shin, Bucheon, Gyeonggi-do/KR

11:27 Clinical efficacy of ultra-low dose thoracoabdominal aorta computed tomography using tin-filter in patients with aortic disease: assessment of image quality and radiation dose

H. Kwon, Daejeon/KR

- 11:33 Automated CT quantification of interstitial lung abnormality according to the Fleischner Society in patients with resectable lung cancer: Prognostic significance
Y. Ahn, Seoul/KR
- 11:39 Diagnosing sensitive scoliosis on the chest radiographs with semi-supervised generative adversarial network (GAN)
S. Paik, Seoul/KR

10:30-11:30 ESTI Poster Session

Room 4

Moderators: *T. Frauenfelder, Zurich/DE*

- 10:30 MRI: the key to understanding thymus
G. Mancò, Chieti/IT
- 10:35 Incidental breast findings on chest CT – what to do?
A. Azeiteiro, Lisbon/PT
- 10:40 Rising to the challenge of the multidisciplinary discussion; regarding interstitial lung disease: tips for the radiologist.
D. García Casado, Segovia/ES
- 10:45 Multimodal Imaging Findings of Axillary Lymphadenopathy Associated with COVID-19 Vaccination
J.Y. Rho, Iksan/KR
- 10:50 Applications of pulmonary MRI: the future is now?
G. La Rosa, Catania/IT
- 10:55 Diagnosis in the making: Excessive dynamic airway collapse
G. Jurkeviciute Kucinskiene, Kaunas/LT
- 11:00 Variability in congenital thoracic vascular defects: anomalous pulmonary venous return, is it easily recognisable?
S. Giedrys, Kaunas/LT
- 11:05 Pulmonary Manifestations in Patients with HIV/AIDS: A Pictorial Review
A. Feveiro, Matosinhos/PT
- 11:10 Application of Artificial Intelligence (AI) in lung cancer screening with low-dose CT: beyond lung nodules
F. Scrocca, Rome/IT
- 11:15 Pleuroparenchymal Fibroelastosis
M. Pringle, Glasgow/UK
- 11:20 High-resolution CT in patients after lung transplantation using photon-counting: should we go for higher resolution or lower radiation dose?
A. Dubbeldam, Leuven/BE
- 11:25 Anatomical CT variations in cystic fibrosis patients under triple therapy: A preliminary report.
J. Collada-Carrasco, Madrid/ES

11:55-12:55 Industry sponsored lunch symposium:

Room 2

Advancing Cardiac Imaging: Innovations in CCTA Protocol Optimization & AI-guided FFR-CT

Moderator: *F. Bamberg, Freiburg/DE*

A tutorial on optimising CT scan and injection parameters

C. Muhl, Maastricht/NL

CT-FFR: A case based walk through the literature

J. Weir-McCall, Cambridge/UK

11:55-12:55 Industry sponsored lunch symposium:

Room 3

Evolving CT techniques for cardiothoracic imaging and diagnosis

Moderator: *L. Natale, Rome/IT*

Stress CTA perfusion imaging and late iodine enhancement: a new way to examine the heart with dual-energy CT

F. Pontana, Lille/FR

Diagnosis and management of chronic thromboembolic pulmonary hypertension (CTEPH):

Does photon-counting CT bring additional value?

T. Frauenfelder, Zurich/CH

13:10-13:40 ESCR Honorary Lectures

♥ Room 2

Moderators: R. Salgado, Antwerp/BE; R. Vliegenthart, Groningen/NL

The ESCR MR/CT registry: Past, present and the future of European cardiac radiology
M. Gutberlet, Leipzig/DE

13:10-13:40 ESTI Honorary Lectures

📺 Room 3

Moderators: J. Biederer, Heidelberg/DE; A.R. Larici, Rome/IT

Can we save the Human Radiologist?
N. Howarth, Chêne-Bougeries/CH

13:45-15:00 Common Topics 5 – Acute Chest Pain

Room 1

Moderators: C. Loewe, Vienna/AT; N. Srean, Cambridge/UK

13:45 Coronary CTA in the CPU

M. Pirnat, Maribor/SL

14:03 Imaging of acute aortic syndrome

D. Suchá, Utrecht/NL

14:21 DD Chest pain from other than CAD and PE

H. Schmidt, Toronto/CA

14:39 Cardiac MRI in patients with MINOCA

R. Salgado, Antwerp/BE

14:57 Discussion

13:45-15:00 Follow-up of patients with CHD (Advanced)

♥ Room 2

Moderators: F. Caobelli, Muttentz/CH; C. Peebles, Southampton/UK

13:45 Update on current guidelines and recommendations

A. Secinaro, Rome/IT

14:00 Tetralogy of Fallot

M. Hrabak Paar, Zagreb/HR

14:15 Transposition of great arteries

N. Lama, Athens/GR

14:30 Single ventricle anomalies

F. Raimondi, Paris/FR

14:45 Discussion

13:45-15:00 ESTI Scientific Session 3 – Technical Developments

📺 Room 3

Moderators: G. Chassagnon, Paris/FR; W. Wagner, Heidelberg/DE

13:45 Keynote Lecture: Multiscale imaging of the lung

W. Wagner, Heidelberg/DE

14:00 Retrospective identification of low-risk individuals eligible for biennial lung cancer screening using PanCan-based and deep learning-based risk thresholds

N. Antonissen, Nijmegen/NL

14:06 CT Radiomics-guided EGFR Mutation Targeting Therapy in Non-Small Cell Lung Cancer

M. Chen, London/UK

14:12 High-pitch CT pulmonary angiography (CTPA) with ultra-low contrast medium volume for the detection of pulmonary embolism: a comparison with standard CTPA

R. Gohmann, Leipzig/DE

14:18 Automatic Detection and Categorization of Lung Cancer on 18F-PET/CT through Retina U-Net and Anatomical Region Segmentation

A. Sauter, Baden/CH

14:24 Feasibility of AI-based automated reading for LungRADS categories assignment: A preliminary analysis.

V.I. Gallone, Parma/IT

14:30 Artificial intelligence analysis of chest radiographs to triage patients with acute thoracic symptoms in an emergency department

E.J. Hwang, Seoul/KR

- 14:36 Pre-interventional AI-supported automated lung parenchyma quantification predicts post-interventional complications in CT-guided lung biopsies
L. Mueller, Mainz/DE
- 14:42 Estimating nodule size on Digital Chest Tomosynthesis – comparison of area and diameter measurements.
M. Oliveira Diniz, Gothenburg/SE
- 14:48 Changes in Tumor-to-Blood Ratio as a prognostic marker for progression-free survival and overall survival in neuroendocrine tumor patients undergoing peptide receptor radionuclide therapy.
O.J. Pettersson, Uppsala/SE
- 14:54 CT-guided percutaneous wire localization of pulmonary nodules: The influence of the shape of the wire on complications and outcome.
F. Bodewes, Groningen/NL

13:45-14:35 ESCR Educational Poster Session

Room 4

Moderator: H. Alkadhi, Zurich/CH

- 13:45 Essentials of Computed Tomography Imaging of Prosthetic Heart Valves
E. Baettig-Arriagada, Valencia/ES
- 13:50 What should be in a Radiologist's report regarding Major Aortopulmonary Collateral Arteries (MAPCAs) in Congenital Heart Diseases (CHD): A review of its clinical and surgical implications
F.P. Vasquez, Quezon City/PH
- 13:55 Role of Coronary Computed Tomography Angiography (CTTA) as problem-solver in spontaneous coronary artery dissection.
F. Dell'Aversana, Naples/IT
- 14:00 How to Recognize and Deal with Artefacts in Coronary CTA
G. Mazza, Rome/IT
- 14:05 Significance of cardiac magnetic resonance in MINOCA patients
O. Nedeljkovic-Arsenovic, Belgrade/RS
- 14:10 State-of-art of Cardiac-CT in the pre-procedural imaging assessment of valvular heart diseases
L. Giarletta, Rome/IT
- 14:15 New Cardiac Devices on CXR – A Primer for the Radiologist
G. Bailey, London/UK
- 14:20 Radiological imaging in the diagnosis of endocarditis-related cardiac and extracardiac complications.
Y. Vitkovskiy, Kyiv/UA
- 14:25 Coronary artery aneurysms: Why should we use CT Angiography?
F. Ramon Company, Palma de Mallorca/ES
- 14:30 Cardiac CTA in the Emergency Department
G. Ferrandino, Naples/IT

15:00-15:30 Coffee Break

15:30-17:00 Common Topics 6 – Cardiothoracic Lightning Session II

Room 1

Toxic Side-Effects

Moderators: C. Beigelman-Aubry, Lausanne/CH; L. Natale, Rome/IT

- 15:30 Medication-related pneumotoxicity
J. Babar, Cambridge/UK
- 15:41 Medication-related cardiovascular toxicity
A. Jacquier, Marseille/FR
- 15:52 Pneumotoxicity in new cancer drugs
C. Schaefer-Prokop, Amersfoort/NL
- 16:03 Cardiotoxicity in new cancer drugs
M. Francone, Milan/IT
- 16:14 Radiation-induced lung disease
A.R. Larici, Rome/IT
- 16:25 Radiation-induced cardiac disease
J.G. Carvalho, Porto/PT

- 16:36 Lung effects of recreational drug abuse
O. Mets, Amsterdam/NL
- 16:47 Cardiac effects of recreational drug abuse
F. Catapano, Rome/IT
- 16:58 Discussion

15:30-17:00 Conventional and Advanced Use of Mapping (Advanced)

Room 2

Moderators: J. Bremerich, Basel/CH; A. Secinaro, Rome/IT

- 15:30 Conventional applications
D. Beitzke, Vienna/AT
- 15:50 Assessment of myocardial inflammation T1 – vs. T2 Mapping
G. Muscogiuri, Milan/IT
- 16:10 Assessment of ECV – A new indispensable tool?
A. Varga-Szemes, Charleston/US
- 16:30 Innovative applications of T2 mapping
T. Emrich, Mainz/DE
- 16:50 Discussion

15:30-16:00 Industry sponsored slot:

Room 3

**AI in Chest CT; Insights and results from 3 years of clinical usage at
University Hospital Center Paris (AP-HP)**
G. Chassagnon, Paris/FR; M-P. Revel, Paris/FR

16:05-17:15 ESTI Scientific Session 4 – ESTI meets ERS

Room 3

Moderators: P. Grenier, Paris/FR; W. de Wever, Leuven/BE

- 16:05 Keynote Lecture: Experiences with Photon counting CT in Lung Imaging
A. Dubbeldam, Leuven/BE
- 16:18 Discussion
- 16:20 Chest contrast-enhanced computed tomography assessment of ESC/ERS pulmonary hypertension clinical classification: a study of reliability.
L. Cerezer, Udine/IT
- 16:26 Reference values for prevalence of solid lung nodules in an unselected general Western population
J. Cai, Groningen/NL
- 16:32 The use of pleural vents for iatrogenic pneumothorax secondary to percutaneous lung biopsy
P. Eneje, Stevenage/UK
- 16:38 Large Language Model Mortality Prediction: Outperforming Manual Labelling in Analysing CTPA Reports
S. Alabed, Sheffield/UK
- 16:44 Additional targeted question on pre-existing statin therapy on participant health questionnaire prior to chest CT significantly reduces referral rate for further cardiovascular risk assessment in participants undergoing lung cancer screening
R. Jamal, Southampton/UK
- 16:50 Lung cancer screening reporting – a qualitative survey.
T.L. Lim, Kettering, UK
- 16:56 Low-dose computed tomography lung cancer screening integrated with smoking cessation: preliminary results of an Italian multicenter pilot study in view of an HTA.
G. Picozzi, Florence/IT
- 17:02 Pectoral muscle Indices Are Associated with Obstructive Sleep Apnea Severity
Z.N. Tekin, Istanbul/TR
- 17:08 Preliminary results analysis demonstrating the rate type and management of incidental findings (IF) referred to the East Surrey Hospital (ESH) Lung Screening Review Meeting (SRM) from the Crawley Target Lung Health Check (TLHC)
A. Villanueva, Redhill/UK

17:15-18:15 Joint Quiz Session – Advanced

Room 1

Moderator: J. Wildberger, Maastricht/NL

PROGRAMME SATURDAY, OCTOBER 28, 2023

08:45-10:15 **ESTI Scientific Session 5 – ILD**

Room 3

Moderators: E. Marom, Ramat Gan/IL; M. Occhipinti, Florence/IT

- 08:45 **Keynote Lecture: Quantitative CT in COPD and ILD**
J.B. Seo, Seoul/KR
- 08:58 **Discussion**
- 09:00 **CT-based diaphragm analysis to evaluate the diaphragm configuration with increasing COPD severity**
J.T. Bakker, Groningen/NL
- 09:06 **Deep learning automated quantification of lung disease in pulmonary hypertension on CT pulmonary angiography with external validation**
K. Dwivedi, Sheffield/UK
- 09:12 **Phenotyping of airway disease and emphysema in COPD patients with MRI in comparison to same-day CT: Results from a prospective multi-centre cohort trial**
S. Nauck, Heidelberg/DE
- 09:18 **Potential of ultra-high-resolution and 1024-pixel image matrix in photon-counting detector CT for the assessment of interstitial lung disease in patients with systemic sclerosis**
V. Mergen, Zurich/CH
- 09:24 **Computed Tomographic Phenotypes in Pulmonary Sarcoidosis – Results of a Multinational Delphi Study**
N. Sivarasan, Stoneleigh/UK
- 09:30 **MRI T2-WI parameters correlate with CT and lung function tests in interstitial lung disease**
C.A. Ruano, Lisbon/PT
- 09:36 **Assessment of lobar and segmental bronchi instability with time-resolved low dose 4DCT of the whole chest and correlation with pulmonary function tests in COPD**
A. Bischoff, Heidelberg/DE
- 09:42 **Interobserver Agreement in Radiologists' Assessment of Chest CT in Interstitial Lung Disease: a systematic review and meta-analysis**
L. Delaney, Sheffield/UK
- 09:48 **Computed Tomography characterization of lung abnormalities in Granulomatous and Lymphocytic Interstitial Lung Disease of Common Variable Immunodeficiency**
N. Landini, Rome/IT
- 09:54 **Quantitative CT Evaluation of Lung Vessels in Systemic Sclerosis-related Pulmonary Hypertension**
C. Marrocchio, Parma/IT
- 10:00 **Chest CT radiomics' diagnostic role in differentiating tumorlet and granulomas: a pilot study**
S. Nardacci, Rome/IT
- 10:06 **Fibrosing variant of organizing pneumonia in recipients of hematopoietic stem cell transplantation: CT findings**
J.I. Jung, Seoul/KR

09:00-10:15 **Common Topics 7 – The Heart on non-cardiac CT**

Room 1

Moderators: A. Nair, London/UK; R. Salgado, Antwerp/BE

- 09:00 **Cardiovascular calcification – Just statistics?**
A.P. Parker, Bergen/NO
- 09:15 **Cardiac chambers – Size matters!**
B.J. Wintersperger, Toronto/CA
- 09:30 **The Heart in oncologic imaging – Useless or priceless?**
L. Bergmann, Kentucky/US
- 09:45 **The heart as source of thromboembolism**
A. Kallifatidis, Thessaloniki/GR
- 10:00 **Discussion**

09:00-10:15 **ESCR meets NASCI: Photon-Counting CT (Advanced)**

Room 2

Moderators: R. Vliegenthart, Groningen/NL; T. Leiner, Rochester/US

- 09:00 **Technical aspects**
T. Leiner, Rochester/US
- 09:15 **Coronary arteries and stents**
H. Alkadhi, Zurich/CH

09:30 Imaging beyond coronary arteries

J. Schoepf, Charleston/US

09:45 K-edge contrast media

S. Boccalini, Lyon/FR

10:00 Discussion

10:15–10:45 Coffee Break

10:45–12:00 Common Topics 8 – Artificial Intelligence

Room 1

Moderators: R. Budde, Rotterdam/NL; B. Ghaye, Liege/BE

10:45 AI applications in chest imaging

C-M. Park, Seoul/KR

11:00 AI in lung cancer imaging

J.B. Seo, Seoul/KR

11:15 Image-enhancement using deep learning

T. Leiner, Rochester/US

11:30 AI in cardiac image post-processing

C. De Cecco, Atlanta/US

11:45 Discussion

10:45–12:00 ESCR Scientific Session 3: Ischemic Heart Disease

Room 2

Moderators: L. Saba, Cagliari/IT; J. Weir-McCall, Cambridge/UK

10:45 Key-note lecture: Beyond coronary stenosis assessment

J. Weir-McCall, Cambridge/UK

10:55 Impact of Deep-Learning Image Reconstruction stenosis quantification in coronary computed tomography angiography.

C. Santangeli, Rome/IT

11:03 Comparison of anatomical versus functional cardiac CT testing predict coronary revascularization prior to noncardiac surgery (NCS): CT coronary angiography (CCTA) vs CT-perfusion (CTP) vs CT-derived fractional-flow-reserve (CT-FFR).

F. Brilli, Milan/IT

11:11 Role of dynamic cardiac stress CT perfusion for the assessment of significant coronary artery disease

A. Biondo, Turin/IT

11:19 Stress-only dynamic CT perfusion protocol does not diagnose ischemia. A retrospective two-center study.

O. Sliwicki, Nijmegen/NL

11:27 Fractional Flow reserve predictions in patients with intermediate coronary stenosis on coronary CT angiography: comparing Artificial Intelligence to Computational Fluid Dynamics.

O. Ghekiere, Hasselt/BE

11:35 Prevalence and prognostic value of subclinical coronary artery disease detected with CT for left atrium and pulmonary veins in patients undergoing atrial fibrillation ablation (PROCADAF Study)

A. D. Annoni, Milan/IT

11:43 Interrater variability of ML-based CT-FFR during TAVI-Planning: Influence of Image Quality and Coronary Artery Calcifications

R. Gohmann, Leipzig/DE

11:52 The Predictive Value of Stress-CMR and SPECT-MPI in High-Risk Patients Undergoing Non-Cardiac Surgery

C. Lisi, Milan/IT

10:45–12:00	ESTI Educational Course – ESTI and friends from overseas: Fleischner, CSTR, STR, JSTR, SPR/CBR <i>Moderators: A.R. Larici, Rome/IT; A.P. Parkar, Bergen/NO</i>	 Room 3
10:45	Hot topics discussed in the Fleischner Society: AI in chest imaging – ready for prime time? <i>E. van Beek, Edinburgh/UK</i>	
11:00	Hot topics discussed in the Canadian Society of Thoracic Radiology: CT patterns and serial CT changes in lung cancer patients post stereotactic body radiotherapy <i>A. Oikonomou, Toronto/CA</i>	
11:15	Hot topics discussed in the Society of Thoracic Radiology: New Standard in Reporting of Coronary CTA: CAD–RADS 2.0 <i>S. Abbara, Dallas/US</i>	
11:30	Hot topics discussed in the Japanese Society of Thoracic Radiology <i>Y. Ohno, Toyooka/JP</i>	
11:45	Hot topics discussed in the Brazilian Thoracic Radiology Group: Challenges of thoracic radiology in Brazil <i>A. Soares Souza Junior, Sao José do Rio Preto/BR</i>	
12:10–13:10	Industry sponsored lunch symposium: Open your Heart for Cardiac MRI Open MRI Concepts <i>J. Biederer, Heidelberg/DE</i> Cardiac Imaging Practice with open MRI <i>M. Olimulder, Hardenberg/NL</i>	 Room 2
12:10–13:10	Industry sponsored lunch symposium Early detection of lung cancer: Screening and Incidental Nodules Introduction: Current situation in screening and early diagnostics of lung cancer <i>S. Schmidt, Forchheim/DE</i> Experiences from HANSE, first results from the lung cancer screening pilot in Germany <i>RJ. Vogel–Claussen, Hannover/DE</i> Incidentally found pulmonary nodules and the increasing role of AI to accelerate early diagnosis <i>E. van Beek, Edinburgh/UK</i>	 Room 3
13:20–13:40	Award Ceremony <i>J. Biederer, Heidelberg/DE; R. Vliegenthart, Groningen/NL</i>	Room 1
13:45–15:00	Common Topics 9 – What comes next? <i>Moderators: E. Castañer González, Sabadell/ES; K. Nikolaou, Tuebingen/DE</i> 13:45 Acute/Long/Post COVID-19: Can we close the books? <i>A. Triani, Bolzano/IT</i> 14:00 Triple screening: CD/LC/Emphysema <i>R. Vliegenthart, Groningen/NL</i> 14:15 Cardiovascular MRI screening <i>C. Schlett, Freiburg/DE</i> 14:30 The future role of cardiothoracic radiology <i>F. Gleeson, Oxford/UK</i> 14:45 Discussion	Room 1
13:45–15:00	The Beauty of Daily Routine: CT and MR Interactive Case Session (Case-Based) <i>Moderators: M. Halfmann, Mainz/DE; S. Jankovic, Nis/RS</i> 13:45 CT cases <i>C. Loewe, Vienna/AT</i> 14:20 MR cases <i>K-F. Kreitner, Mainz/DE</i> 14:55 Q&A	 Room 2

13:45-15:00 ESTI Educational Course – ILD Entities

 Room 3

Moderators: T. Franquet, Barcelona/ES; J. Verschakelen, Leuven/BE

13:45 IPF vs. NSIP

A. Devaraj, London/UK

14:05 Incidental/subclinical lung abnormalities

N. Sverzellati, Parma/IT

14:30 Occupational lung disease

C. Jones, Brisbane/AU

14:45 Discussion

15:15-15:45 Closing Ceremony, Farewell

Room 1

J. Biederer, Heidelberg/DE; M. Hrabak Paar, Zagreb/HR; K-F. Kreitner, Mainz/DE; A.R. Larici, Rome/IT



CONFIRMATION OF ATTENDANCE

Each participant who attends the live event (October 26-28) will be able to download the confirmation of attendance document from the ESCR or ESTI MyUserArea (depending on the registration system used) mid-November 2023.

UEMS CME ACCREDITATION AND NATIONAL ACCREDITATION

UEMS CME ACCREDITATION

Delegates who attend the live event (October 26-28) and who successfully evaluate the congress will be able to download the UEMS CME certificate from the ESCR or ESTI MyUserArea account (depending on the registration system used) mid-November 2023.

UEMS CME evaluation deadline: Sunday, November 5, 2023

The ESCR-ESTI Joint Meeting 2023, Berlin/DE, 26/10/2023-28/10/2023 has been accredited by the European Accreditation Council for Continuing Medical Education (EACCME®) with **18 European CME credits** (ECMEC®s). Each medical specialist should claim only those hours of credit that he/she actually spent in the educational activity.

UEMS CME Evaluation Link: <https://forms.gle/4CTBAgeufYrrbAgg9>



GERMAN CME ACCREDITATION

The "Ärztchamber Berlin" has accredited the ESCR-ESTI Joint Meeting 2023 and its pre-courses as following:

- 25.10.2023 – 6 points
- 26.10.2023 – 6 points
- 27.10.2023 – 6 points
- 28.10.2023 – 6 points

German delegates can visit the registration desk to get the respective points accredited. Please make sure to sign the attendance sheet daily.

POTENTIAL CONFLICT OF INTEREST DISCLOSURE

It is the policy of the ESCR/ESTI to ensure balance, independence, objectivity, and scientific rigour in the congress programme. Knowledge of possible relationships with sponsors of any kind is mandatory in order to reinforce the educational and scientific message and to relieve any suspicion of bias.

Any potential conflict of interest involving the organising committee should be made known so that the audience may form their own judgements about the presentation with a full disclosure of the facts. It is for the audience to determine whether the presenter's external interest may reflect a possible bias in either the work carried out or the conclusions presented.

Potential conflict of interest disclosure of the congress presidents:

Prof. Karl-Friedrich Kreitner: no potential conflict of interest

Prof. Jürgen Biederer: Siemens, Bayer, Roche, Boehringer Ingelheim, Fujifilm

GENERAL INFORMATION

Congress Venue

Mercure Hotel MOA Berlin
Birkenstraße 19-21
10559 Berlin
Germany

Organising Secretariat

Education Congress Research GmbH/ESCR-ESTI 2023
Am Gestade 1
1010 Vienna, Austria
Phone: +43 1 5334064-909 | +43 1 5334064-900
Email: office@escr.org | office@myesti.org

Registration desk & opening hours

In case of any questions, kindly consult the registration desk. Our staff will be happy to assist you between the following opening hours:

Wednesday, October 25	09:00-18:45
Thursday, October 26	08:00-18:00
Friday, October 27	07:30-18:15
Saturday, October 28	07:45-15:45

Badges

You are kindly asked to wear your badge visible on the congress grounds at all time. Otherwise no access can be granted to the lecture room, workshop rooms or coffee breaks.

Onsite Payment

Onsite payment can only be made by credit card (Visa or Mastercard) or in cash (Euro). Please be informed that no other payment facilities such as debit cards, cheques, etc. will be accepted.

Internet/WIFI

Wifi name: MOA Berlin

Conference language

The meeting will be held in English. No simultaneous translation will be offered.

Registration fee for participants includes

- admittance to scientific and educational sessions
- admittance to the industry symposia
- admittance to the industry exhibition
- printed programme brochure
- certificate of attendance
- coffee breaks

Media Center

The media center is located next to the registration desk. Trained staff will be available to assist you with the equipment. The media center should only be used for a test run of your presentation(s). Please note that the media center should not be used to prepare your entire presentation and that due to the large number of speakers, the workstations are only available for minor editing.

Guidelines for Speakers

- You are kindly requested to submit your presentation at least two hours before your session starts (USB sticks are recommended).
- All presentations have to be uploaded in the conference IT-system. No personal computer will be accepted for projection.
- Please be at the lecture room at the latest five minutes prior to the start of your session and identify yourself to the moderators.
- Kindly observe your exact presentation time. Exceeding the time limit will not be accepted and the moderators are requested to stop presentations in such cases.

Electronic Poster Exhibition

Feel free to browse through all submitted e-posters, accessible via the following link/QR code:
escr-esti2023.smart-abstract.com/eposter/#/posters



Industry Exhibition

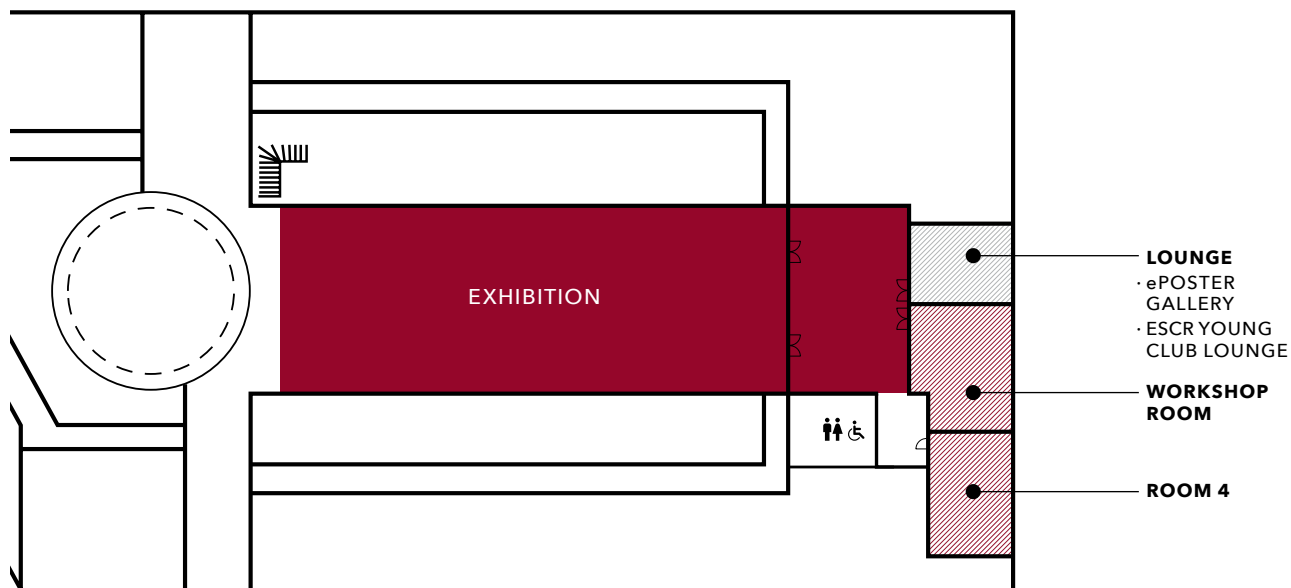
The industry exhibition is located on level 2.

Opening hours:

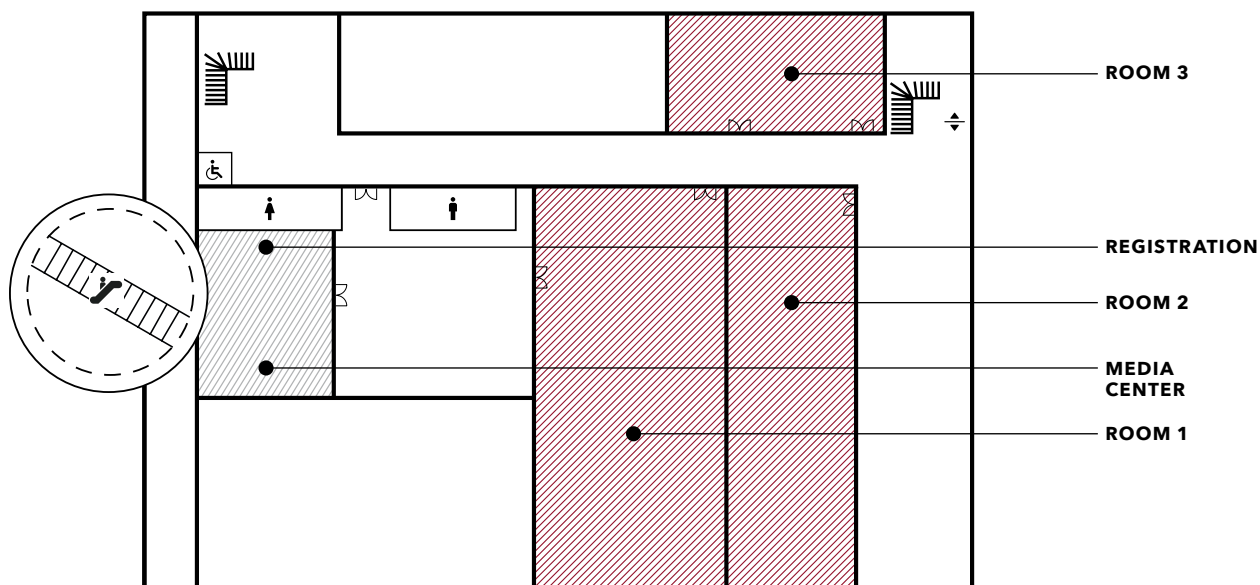
Thursday, October 26	08:40-18:10
Friday, October 27	09:00-18:00
Saturday, October 28	08:00-15:45

FLOOR PLAN

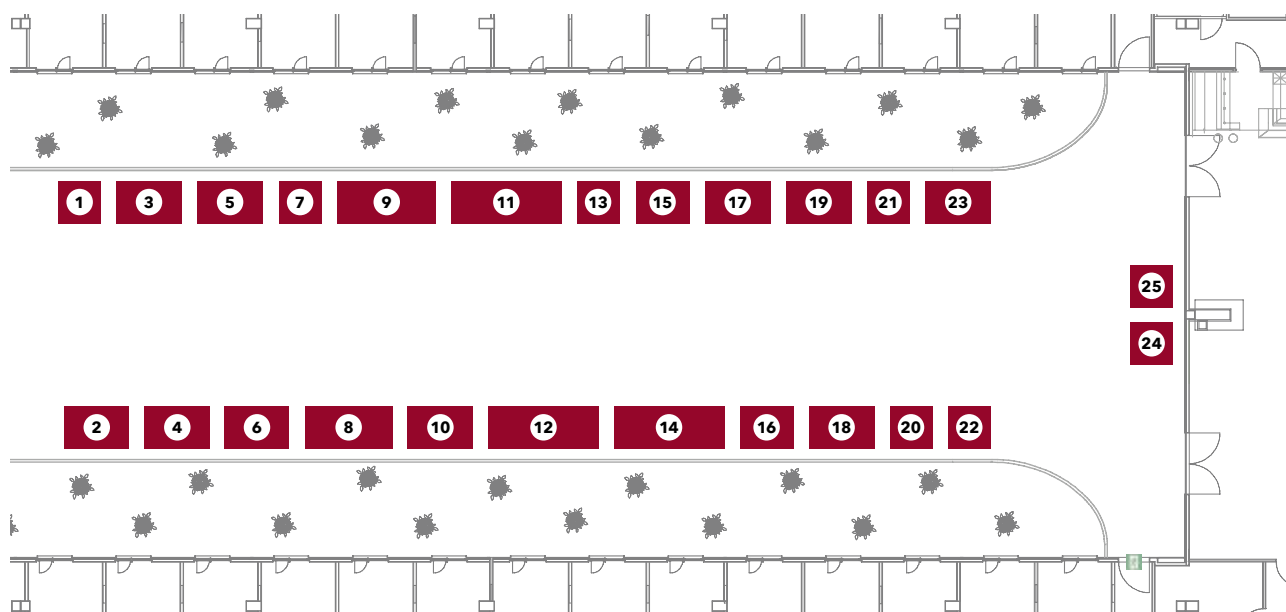
2nd FLOOR



1st FLOOR



EXHIBITION PLAN



- | | | |
|---------------|----------------------|------------------------|
| ① Qure.ai | ⑩ Coreline | ⑲ GE Healthcare |
| ② Siemens | ⑪ Aidence | ⑳ Philips |
| ③ Contextflow | ⑫ Bayer | ㉑ SpimedAI |
| ④ Gleamer | ⑬ Infervision | ㉒ Telemedicine Clinic |
| ⑤ Oxipit | ⑭ ClariPi | ㉓ Boehringer Ingelheim |
| ⑥ Neosoft | ⑮ Schumacher medTech | ㉔ Doctolib |
| ⑦ Annalise | ⑯ Canon | ㉕ Medtron |
| ⑧ Bracco | ⑰ Ziosoft | |
| ⑨ MeVis | ⑱ Circle | |

Industry Sponsored Symposium Attendance

Attendees of any industry sponsored symposium agree that their registration details will be forwarded to the company organising that symposium. This agreement may be cancelled at any time by changing the setting in the persons MyUserArea account.

Lead Retrieval System

Your name badge is your business card. ESCR-ESTI and its sponsors are using a lead retrieval system during the congress. In practice that means that when you present your badge for scanning at an exhibition booth, your registration details will be forwarded to the respective company.

Mobile phones

Please do not forget to switch off your mobile phones before entering any of the lecture rooms.

Breaks

Complimentary coffee, tea and refreshments will be served to all meeting delegates in the exhibition area during the official coffee breaks.

Recording

Photo-, video- or audio-recording of any sessions or presentations is not allowed without the speaker's/organiser's prior written permission.

Future meeting desk

The future meeting desk offers you an overview of future meetings in the field of radiology and related disciplines from all over the world. Feel free to contribute flyers and posters to promote your own meetings and courses.

Book of Abstracts 2023

Submitted ESCR-ESTI abstracts are available on the ESCR-ESTI websites and via the app during the congress. ESCR scientific abstracts have been published via Springer; ESTI invited abstracts have been published via JTI.

Awards

ESCR-ESTI is happy to offer the following awards on occasion of the Joint Meeting 2023:

- ESCR Best Paper Awards
- Awards for the Best Oral Presentations
 - 2x Magna Cum Laude (1x ESCR/1x ESTI)
 - 2x Cum Laude (1x ESCR/1x ESTI)
 - 6x Certificates of Merit (3x ESCR/3x ESTI)

The winners will be announced during the Award Session on Saturday, October 28 at 13:20 in Room 1 – Common Track.



ESCR-ESTI 2023

Highlights for young radiologists

ESCR and ESTI for Youngsters

Thursday, October 26, 08:30-10:00

Room 1 – Common Track

ESCR for ESTI Youngsters

Thursday, October 26, 08:30-10:00

Room 2 – Cardiovascular Radiology

ESTI for ESCR Youngsters

Quiz Sessions

Thursday, October 26, 17:05-18:05

Joint Quiz Session – Basic

M. Radiké, Liverpool/UK; M. Tregubova, Kyiv/UA

Friday, October 27, 17:15-18:15

Joint Quiz Session – Advanced

N. Howarth, Geneva/CH; J. Wildberger, Maastricht/NL

15 minutes of (no) stupid questions

Join this ESCR Young Club initiative for a chance to ask every question you always wanted to ask about cardiovascular radiology but never did.

Thursday, October 26, 15:00 &

Saturday, October 28, 10:15

ESCR Young Club Lounge (2nd floor)

Monika Radiké (MRI) | Tilman Emrich (CT)



ESCR ESTI WELCOME RECEPTION

THURSDAY, OCTOBER 26 | 18:05
EXHIBITION AREA

We cordially invite you to the
ESCR-ESTI 2023 Welcome Reception,
which starts after the scientific programme.
Snacks and drinks will be served.

**Take the chance and get in touch with experts
and colleagues from Europe and
from all over the world. We are looking
forward to seeing you!**

**ALL
DELEGATES
ARE
WELCOME!**

Virtual Congress Bag

We are delighted to offer you the virtual congress bag. Mark your calendar and save the dates!



Safety

The safety of all congress delegates and participants is of utmost importance to the Education Congress Research GmbH/ESCR-ESTI 2023. Security measures and precautions at the ESCR-ESTI 2023 venue have been tightened to ensure maximum security for all attendees. Badges must be worn visibly on the congress grounds at all time. The Education Congress Research GmbH/ESCR-ESTI 2023 reserves the right for staff to check participants' identification upon admission to and/or inside the congress venue. Participants may at any time be requested to present adequate proof of identity in the form of a passport, driver's license, national or military identification or student ID. Documents for the proof of identity must include a photograph and signature.

Disclaimer/Liability

Education Congress Research GmbH/ESCR-ESTI 2023 cannot accept any liability for the acts of the suppliers to this meeting or the attendees' safety while travelling to or from the congress. All participants and accompanying persons are strongly advised to carry adequate travel and health insurance, as Education Congress Research GmbH/ESCR-ESTI 2023 cannot accept liability for accidents or injuries that may occur. Education Congress Research GmbH/ESCR-ESTI 2023 are not liable for personal injury and loss or damage of private property.

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ESTI WINTER COURSE 2023

December 7-9, 2023
REYKJAVIK, ICELAND

www.myESTI.org



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We thank our industry partners for their highly appreciated support of the ESCR-ESTI Joint Meeting 2023.





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**ANNUAL
SCIENTIFIC
MEETING
2024**

24-26 OCTOBER
DUBROVNIK
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INDUSTRY SPONSORED HANDS-ON WORKSHOPS

We are happy to announce that a series of workshops will be offered on occasion of the ESCR-ESTI Joint Meeting 2023.

Each workshop will take approx. 60 min. and is limited to a maximum number of 20 participants.

Important: Attendance to one or more workshops requires an active/paid congress registration. Furthermore, you need to book your place in each workshop.

Workshop Fee: 20€ per workshop and person

Registration: For onsite registration please kindly contact our staff at the registration desk.

THURSDAY, OCTOBER 26, 2023 - WORKSHOP ROOM

09:00-10:00 **AI-powered Lung Cancer Diagnostics** – MeVis Medical Solutions

13:30-14:30 **3mensio Structural Heart** – PIE Medical

15:30-16:30 **Caas MR 4D Flow** – PIE Medical

FRIDAY, OCTOBER 27, 2023 - WORKSHOP ROOM

08:30-09:30 **3mensio Structural Heart** – PIE Medical

10:30-11:30 **Caas MR 4D Flow** – PIE Medical

14:00-15:00 **AI-powered Lung Cancer Diagnostics** – MeVis Medical Solutions

16:00-17:00 **How to implement advanced CMR techniques in your daily clinical practice** – Circle CVI

INDUSTRY SPONSORED LUNCH SYMPOSIA

THURSDAY, OCTOBER 26 | 12:15-13:15 | ROOM 2 - CARDIOVASCULAR RADIOLOGY

Advancements in cardiovascular and thoracic imaging with world's first photon-counting CT - NAEOTOM Alpha

M. Remy-Jardin, Lille/FR; B. Szilveszter, Csorna/HU

 SIEMENS
Healthineers

THURSDAY, OCTOBER 26 | 12:15-13:15 | ROOM 3 - THORACIC IMAGING

Revolutionizing Healthcare: Breakthroughs in AI for Lung Cancer Screening and Cardiac Imaging

Moderator: C. Schaefer-Prokop, Amersfoort/NL

PIQE Cardiac & SilverBeam

D. Overhoff, Koblenz/DE

Ai in LCS

C. Jacobs, Nijmegen/NL

 Canon
CANON MEDICAL

FRIDAY, OCTOBER 27 | 11:55-12:55 | ROOM 2 - CARDIOVASCULAR RADIOLOGY

Advancing Cardiac Imaging: Innovations in CCTA Protocol Optimization & AI-guided FFR-CT

Moderator: F. Bamberg, Freiburg/DE

A tutorial on optimising CT scan and injection parameters

C. Muhl, Maastricht/NL

CT-FFR: A case based walk through the literature

J. Weir-McCall, Cambridge/UK



FRIDAY, OCTOBER 27 | 11:55-12:55 | ROOM 3 - THORACIC IMAGING

Evolving CT techniques for cardiothoracic imaging and diagnosis

Moderator: L. Natale, Rome/IT

Stress CTA perfusion imaging and late iodine enhancement: a new way to examine the heart with dual-energy CT

F. Pontana, Lille/FR

Diagnosis and management of chronic thromboembolic pulmonary hypertension (CTEPH): Does photon-counting CT bring additional value?

T. Frauenfelder, Zurich/CH



SATURDAY, OCTOBER 28 | 12:10-13:10 | ROOM 2 - CARDIOVASCULAR RADIOLOGY

Open your Heart for Cardiac MRI

Open MRI Concepts

J. Biederer, Heidelberg/DE

Cardiac Imaging Practice with open MRI

M. Olimulder, Hardenberg/NL



SATURDAY, OCTOBER 28 | 12:10-13:10 | ROOM 3 - THORACIC IMAGING

Early detection of lung cancer: Screening and Incidental Nodules

Introduction: Current situation in screening and early diagnostics of lung cancer

S. Schmidt, Forchheim/DE

Experiences from HANSE, first results from the lung cancer screening pilot in Germany

J. Vogel-Claussen, Hannover/DE

Incidentally found pulmonary nodules and the increasing role of AI to accelerate early diagnosis

E. van Beek, Edinburgh/UK



INDUSTRY SPONSORED SLOTS

FRIDAY, OCTOBER 27 | 09:30-10:00 | ROOM 1 - COMMON TRACK

Veolity and Nelson Plus: lessons in transitioning from trials to practice
A. Nair, London/UK

MeVis

FRIDAY, OCTOBER 27 | 09:30-10:00 | ROOM 2 - CARDIOVASCULAR RADIOLOGY

Improving the Patients Journey: Radiographer Led CTCA
G. Morgan-Hughes, Plymouth/UK

 **GE HealthCare**

FRIDAY, OCTOBER 27 | 09:30-10:00 | ROOM 3 - THORACIC IMAGING

Systemic anti cancer therapy (SACT)-related ILD/pneumonitis in breast cancer patients

Overview of systemic anti cancer therapy (SACT)-related ILD/
pneumonitis in breast cancer patients
N. Kneidinger, Munich/DE

Radiologist's role in optimising patient care for SACT-related ILD/pneumonitis
J. Dinkel, Munich/DE

AstraZeneca 

FRIDAY, OCTOBER 27 | 15:30-16:00 | ROOM 3 - THORACIC IMAGING

**AI in Chest CT; Insights and results from 3 years of clinical usage
at University Hospital Center Paris (AP-HP)**
G. Chassagnon, Paris/FR; M-P. Revel, Paris/FR


aidance

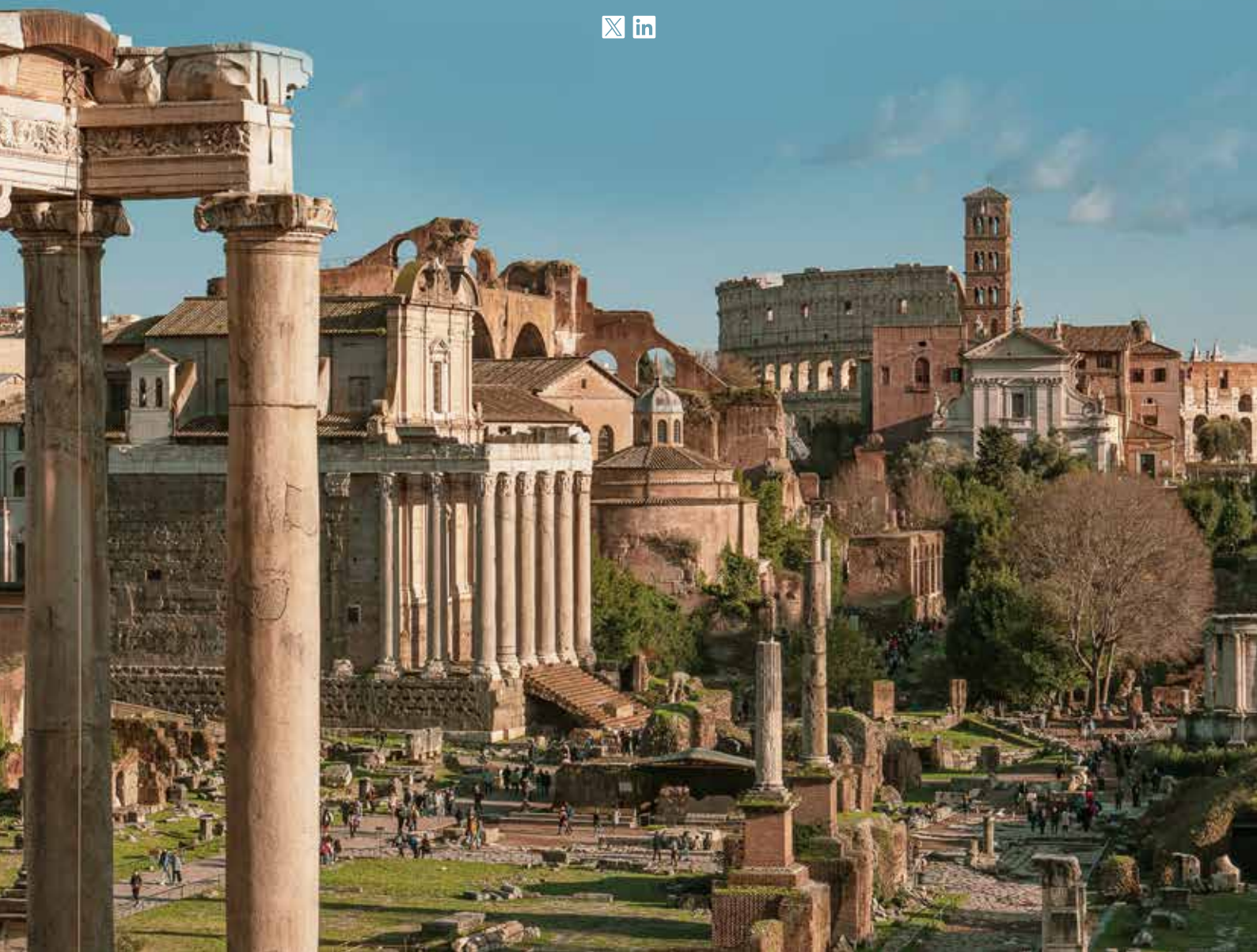


ESTI 2024

30th ANNUAL SCIENTIFIC MEETING OF THE
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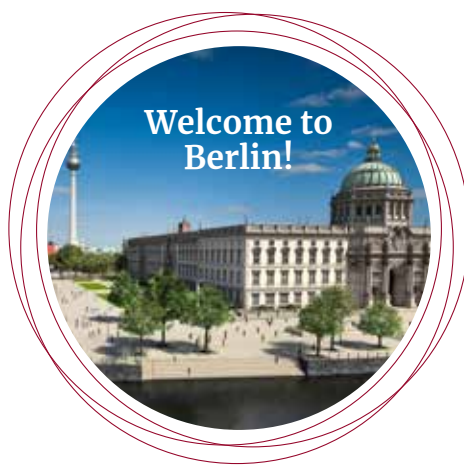
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