

ESTI-Fleischner 2019 Joint Meeting

May 09-11, 2019

Paris, France

Wednesday, May 08

Time	
Workshop Room - Petit Amphitheatre	
High resolution CT	
Moderator: D. Lynch, Denver/US	
13:00-14:30	Secondary pulmonary lobule anatomy and nodular pattern H. Prosch, Vienna/AT
13:18	Linear and reticular pattern F. Molinari, Tourcoing/FR
13:36	GGO opacities and consolidation M. Silva, Parma/IT
13:54	Approach to cystic lung diseases A. Oikonomou, Toronto/CA
14:12	How to diagnose fibrotic lung diseases D. Lynch, Denver/US
14:30-15:00 Break	
Lung nodule management	
Moderator: A. Devaraj, London/UK	
15:00-16:00	Radiological assessment T. Frauenfelder, Zurich/CH
15:20	Characterization A.R. Larici, Rome/IT
15:40	Management guidelines A. Devaraj, London/UK
16:00-16:30 Break	
Chest radiography	
Moderator: L. Goodman, Milwaukee/US	
16:30-17:45	A chest radiography reading guide D. Tack, Braine-L'Alleud/BE
16:45	Alveolar, interstitial and nodular syndromes M. Schiebler, Wisconsin/US
17:00	Lobar atelectasis A. Leung, Stanford/US
17:15	Pleural syndrome A.P. Parkar, Bergen/NO
17:30	Mediastinal syndromes L. Goodman, Milwaukee/US

Thursday, May 09

Time	Room 1 - Amphitheatre Lavoisier
08:30-09:40	Scientific Session 1: Lung cancer, nodules and screening Moderators: P. Grenier, Paris/FR
08:30	Low-dose computed tomography (LDCT) screening reduces lung cancer mortality beyond 5 years M. Silva, Parma/IT
08:40	Lung cancer risk after baseline round of screening: Only 20% of NLST eligibles require annual round M. Silva, Parma/IT
08:50	Lung Cancer Screening with Ultralow Dose Chest CT: Potential Pitfalls of Pulmonary Findings in Different Readers with Various Experience Levels K. Martini, Zurich/CH
09:00	Regional polish lung cancer screening program - CT results and lung cancer detection rate M. Jelitto-Gorska, Gdansk/PL
09:10	Lung cancer screening in an oncologic patient population. Results of our 7 year experience E. O'Dwyer, New York/US
09:20	Is it possible to discriminate pulmonary carcinoids from hamartomas based on CT features? A. Gursoy Coruh, Ankara/TR
09:30	Characterization of mediastinal anterior masses with magnetic resonance imaging using diffusion-weighted imaging and prediction of World Health Organization classification M. Gavrel, Villejuif/FR
09:40-10:00	Break
10:00-10:30	Opening Session Moderators: C. Powell, New York/US; M-P. Revel, Paris/FR
10:00	Welcome from the 2019 congress presidents C. Powell, New York/US; M-P. Revel, Paris/FR
10:05	Thoracic applications of AI: Threat or opportunity? E. Siegel, Baltimore/US
10:30-12:10	Oncology: Lung cancer in 2019 Moderators: L. Bonomo, Rome/IT; S. Sakai, Tokyo/JP
10:30	Current trends in worldwide lung cancer epidemiology C. Powell, New York/US
10:52	The new TNM system: Changes and limitations A.R. Larici, Rome/IT
11:14	Immunotherapy: How can imaging help to evaluate the response? C. Caramella, Villejuif/FR
11:36	Do not forget the patient: Sarcopenia and other comorbidities F. Goldwasser, Paris/FR
11:58	Discussion
12:10-12:15	Break
12:15-13:15	Industry sponsored lunch symposium
13:15-13:30	Break
13:30-15:30	CT lung cancer screening Moderators: H-U. Kauczor, Heidelberg/DE; H. Prosch, Vienna/AT
13:30	Summary of current evidence, results from the Nelson study M. Prokop, Nijmegen/NL
13:52	Best technical imaging standards in CT lung cancer screening A. Snoeckx, Edegem/BE
14:14	Risk models and biomarkers: Do they improve screening? M. Silva, Parma/IT
14:36	Psychological impact of screening J. Brodersen, Copenhagen/DK
14:58	US experience after implementation P. Boiselle, Boston/US
15:20	Discussion
15:30-16:00	Break
16:00-17:40	Radiation dose Moderators: A.P. Parkar, Bergen/NO; Y. Ohno, Kobe/JP
16:00	Dose optimization for thoracic CT: The MEDIRAD project C. Hoeschen, Magdeburg/DE
16:22	How do I evaluate CT radiation dose D. Tack, Braine-L'Alleud/BE
16:44	Ultra-low dose CT protocols: Clinical indications G. Ferretti, Grenoble/FR
17:06	Imaging the lung with no dose: Current role of MRI J. Biederer, Seheim-Jugenheim/DE
17:28	Discussion

Time	Room 2 - Petit Amphitheatre
08:30-09:40	Scientific Session 2: AI, radiomics, Prediction Imaging Moderators: tba
08:30	Automated CT quantification of interstitial lung disease: Comparison between convolutional neural network and ground truth Y.-W. Kim, Paris/FR
08:40	Deep Multi-Atlas Driven Elastic Nets For segmentation of scleroderma-related ILD on chest CT G. Chassagnon, Paris/FR
08:50	Deep iodine: Artificial intelligence-based normalized subtraction CT iodine maps for improved detection of pulmonary embolism D. Grob, Nijmegen/NL
09:00	Performance of an AI-powered lung nodule detection and segmentation algorithm in a patient cohort with histologically confirmed lung tumors A.W. Sauter, Basel/CH
09:10	CT 3D texture analysis: Differentiation of thymoma from thymic cyst by enhanced CT imaging S. Lim, Seoul/KR
09:20	Predicting overall survival of lung cancer patients using Radiomics CT features M.K. Santos, Ribeirao Preto/BR
09:30	Which Imaging Characteristics Predict Recurrence In Stage 3A Lung Cancer After Chemotherapy And Radiation Therapy Treatment? C. Simmers, New York/US
09:40-10:00	Break
10:30-12:10	Functional imaging Moderators: M. Schiebler, Madison/US; E. van Beek, Edinburgh/UK
10:30	Evaluating the pulmonary perfusion M. Remy-Jardin, Lille/FR
10:52	Functional imaging in COPD J.B. Seo, Seoul/KR
11:14	Evaluating the CF patient M.O. Wielpütz, Heidelberg/DE
11:36	New trends in functional imaging E. Hoffman, Iowa/US
11:58	Discussion
13:30-15:30	COPD and other inhalation diseases Moderators: S. Murayama, Nishihara/JP; J.B. Seo, Seoul/KR
13:30	Current trends in COPD epidemiology and smoking epidemic S. Raoof, New York/US
13:52	From pathology to imaging: Lessons from micro-CT J. Hogg, Vancouver/CA
14:14	Smoking-related interstitial lung disease J. Galvin, Silver Spring/US
14:36	Hypersensitivity pneumonitis: An update A. Devaraj, London/UK
14:58	Aspiration: Imaging manifestations J. Ryu, Rochester/US
15:20	Discussion
15:30-16:00	Break
16:00-17:36	KSTR and FSTI joint session Moderators: M. Lederlin, Rennes/FR; J.W. Song, Seoul/KR
16:00	Hemoptysis: KSTR guidelines J.-H. Kim, Daejeon/KR
16:15	Hemoptysis embolization: 10 year experience A. Khalil, Paris/FR
16:30	Endovascular management of severe hemoptysis in patients with lung transplantation W. Mohammad, Paris/FR
16:36	Hemoptysis requiring bronchial artery embolization in patients with nontuberculous mycobacteria lung disease S.S. Shim, Seoul/KR
16:42	Transthoracic rebiopsy for mutation analysis in lung adenocarcinoma: Outcomes and risk factors for non-diagnostic specimen in 199 patients B. Nam, Seoul/KR
16:48	Diagnostic outcome and safety of CT-guided core needle biopsy for mediastinal mass: A Systematic review and meta-analysis H.N. Lee, Seoul/KR
16:54	Diagnostic accuracy of CT-guided core biopsy of thin-walled cavitary pulmonary lesions K.E. Shin, Bucheon-si, Gyeonggi-do/KR
17:00	Efficacy of advanced knowledge-based iterative reconstruction in coronary CT angiography for plaque quantification: A comparison with intravascular ultrasound J.Y. Yoo, Cheongju-si/KR
17:06	Preoperative CT-determined emphysema and postoperative pulmonary complication for non-small cell lung cancer H.Y. Lee, Incheon/KR
17:12	Imaging of lung transplantation and common postoperative complications Y. Choi, Yangsan/KR
17:18	Clinicoradiologic significance of Late-Onset Noninfectious Pulmonary Complications (LONIPCs) after allogeneic hematopoietic stem cell transplantation (HSCT) J.S. Park, Bucheon/KR
17:24	Chest Magnetic Resonance Imaging: Current Applications and Future Perspectives Y.J. Jeong, Busan/KR
17:30	Stepwise diagnostic approach to cystic lung diseases for radiologists E.-Y. Kang, Seoul/KR

Friday, May 10

Time	Room 1 - Amphitheatre Lavoisier
08:30-10:00	Scientific Session 3: Airways COPD Moderators: A. Bankier, Boston/US
08:30	Prone vs supine posture differences in quantitative CT imaging-derived regional lung ventilation map and motionography in healthy subjects C. Lee, Seoul/KR
08:40	Numerical Modeling of Hyperpolarized Xenon-129 Gas Transfer in Health and COPD Subjects O. Doganay, Oxford/UK
08:50	Quantitative computed tomography in the assessment of asthma severity M. Patyk, Wroclaw/PL
09:00	Comparison of Different Reconstruction Kernel in Quantitative Evaluation of Emphysema on CT M. Khalil, Gothenburg/SE
09:10	Emphysema in Lung Cancer Screening Program participants - Visual and automatic evaluation A. Durawa, Gdansk/PL
09:20	Fully automated 3D quantification of "minus" and "plus" pathology in Cystic Fibrosis using 3D-UTE MRI: A validation study I. Benlala, Bordeaux/FR
09:30	CT Evaluation of hyperattenuating mucus to diagnose allergic bronchopulmonary aspergillosis in the special condition of cystic fibrosis G. Dournes, Bordeaux/FR
09:40	Derivation and Validation of a Primary Ciliary Dyskinesia Computed Tomography (PCD-CT) Score in adult patients with bronchiectasis S. Dettmer, Hanover/DE
09:50	Not to be Sniffed At: Role of Diaphragm Fluoroscopy in influencing patient selection for surgical intervention in patients with Diaphragmatic Paralysis H. Ramotar, Leeds/UK
10:00-10:30	Company Slot
10:30-11:00	Break
11:00-12:30	Guidelines and practice Moderators: T. McLoud, Boston/US; H. Prosch, Vienna/AT
11:00	Fleischner Society guidelines for solid and subsolid nodules management H. MacMahon, Chicago/US
11:20	STR guidelines for evaluating suspected pulmonary embolism during pregnancy A. Leung, Stanford/US
11:40	Guidelines for lung cancer screening: European and US perspectives A. Bankier, Boston/US
12:00	Multidisciplinary conferences: Where is and how do we quantify "added value" J. Verschakelen, Leuven/BE
12:20	Discussion
12:30-12:45	Break
12:45-13:45	Industry sponsored lunch symposium
13:45-14:00	Break
14:00-16:00	Radiomics and deep learning Moderators: N. Paragios, Paris/FR; E. Siegel, Baltimore/US
14:00	Radiomics: How does it work? L. Fournier, Paris/FR
14:22	Deep learning: How does it work? M. Vakalopoulou, Saclay/FR
14:44	Radiomics: Characterization or prognosis tool in lung cancer? J.M. Goo, Seoul/KR
15:06	Deep learning for classification and quantification of lung fibrosis G. Chassagnon, Paris/FR
15:28	Deep learning for detection and characterization of lung nodules B. van Ginneken, Nijmegen/NL
15:50	Discussion
16:00-16:30	Break
16:30-18:10	Idiopathic pulmonary fibrosis (IPF): An update Moderators: P-Y. Brillet, Bobigny/FR; A. Devaraj London/UK
16:30	New IPF criteria: Impact on imaging and treatment D. Lynch, Denver/US
16:52	Acute exacerbation: Current definition, differentials and imaging features N. Sverzellati, Parma/IT
17:14	Novel treatments: What have they changed or improved? tbc
17:36	Computed Tomographic Biomarkers in Idiopathic Pulmonary Fibrosis S. Walsh, London/UK
17:58	Discussion

Time	Room 2 - Petit Amphitheatre
08:30-10:00	Scientific Session 4: Pulmonary and nodule perfusion, dose reduction and intervention[m1] Moderators: D. Tack, Braine-L'Alleud/BE
08:30	Perfusion defects on dual energy CT angiogram correlate with lower survival in patients with pulmonary embolism R. Perez Johnston, New York/US
08:40	Intra-patient comparison of pulmonary nodule enhancement in subtraction CT and dual-energy CT D. Grob, Nijmegen/NL
08:50	CT angiography for pulmonary embolism in the emergency department: Diagnostic accuracy of 20 ml high-concentration contrast medium G. Milanese, Parma/IT
09:00	Organ-based radiation dose reduction to breast in lung cancer screening with low-dose computed tomography (CT) P. Franchi, Teramo/IT
09:10	Comparison of ultra-low dose CT scanning protocols for the detection of pulmonary nodules classified according to lunggrads: A phantom study G. Milanese, Parma/IT
09:20	Vertical off-centering in Reduced Dose Chest-CT with Automated Tube Current Modulation: Impact on effective dose and image noise K. Martini, Zurich/CH
09:30	Study on Radiation Dose in accordance with the Automatic Exposure Control Chamber position on Chest PA D. Sung, Seoul/KR
09:40	CT-guided microcoil pulmonary nodule localization prior to video-assisted thoracoscopic surgery (VATS): Diagnostic utility and recurrence-free survival J.C.L. Rodrigues, Bath/UK
09:50	Air embolism - Severe complication of percutaneous lung needle biopsy, which could be avoided M. Jelitto-Gorska, Gdansk/PL
10:30-11:00	Break
11:00-12:30	Vascular diseases Moderators: J. Mayo, Vancouver/CA; J. Vilar Samper, Valencia/ES
11:00	Pulmonary hypertension: Role of CT N. Screaton, Cambridge/UK
11:20	Large vessel vasculitis E. Castañer González, Sabadell/ES
11:40	Small vessel vasculitis tbc
12:00	Acute aortic syndromes D. Litmanovich, Boston/US
12:20	Discussion
14:00-16:00	Acute and chronic pulmonary embolism Moderators: C. Dennie, Ottawa/CA; M. Remy-Jardin, Lille/FR
14:00	Acute and chronic pulmonary embolism: Diagnostic imaging strategies L. Haramati, Bronx/US
14:22	The role of CT for risk stratification in acute PE G. Aviram, Tel-Aviv/IL
14:44	New MR sequences: Current performance and remaining limitations B. Ghaye, Brussels/BE
15:06	Subsegmental PE: Definition and evidence-based management C. Schaefer-Prokop, Amersfoort/NL
15:28	Evaluating PE with dual layer CT E. Coche, Brussels/BE
15:50	Discussion
16:00-16:30	Break
16:30-18:10	ESTI meets STR: Infection Moderators: T. Frauenfelder, Zurich/CH; A. Oikonomou, Toronto/CA
16:30	TB: The role of imaging in the worldwide battle R. Gill, Lexington/US
16:52	Emerging infections: What can imaging tell us? T. Franquet, Barcelona/ES
17:14	The many faces of pulmonary aspergillosis: A memoir W. Geftter, Wynnewood/US
17:36	HIV infection: Current trends with a special focus on Africa and on adolescents S. Desai, London/UK
17:58	Discussion

Saturday, May 11

Time	Room 1 - Amphitheatre Lavoisier
08:30-09:45	ESTI meets ESCR: Assessing the heart on routine, ungated chest CT Moderators: J. Bremerich, Basle/CH; S. Padley, London/UK
08:30	What to do about incidental extrapulmonary findings in the heart: A practical approach L. Natale, Rome/IT
08:46	Evaluating the pulmonary veins before and after ablation M. Das, Duisburg/DE
09:02	Coronary calcium scoring on ungated CT: As useful as dedicated scoring on gated CT? R. Vliegenghart, Groningen/NL
09:18	Cardiac calcifications: What do they tell us? F. Pontana, Lille/FR
09:34	Discussion
10:00-11:30	Film Panel Introduction + Dancing (15min) Moderators: P. Grenier, Paris/FR; N. Howarth, Chêne-Bougeries/CH
	Team 1 C. de Margerie-Mellon, Paris/FR; R. Gill, Lexington/US; A. Oikonomou, Toronto/CA; C. Ridge, London/UK
	Team 2 L. Goodman, Milwaukee/US; N. Sverzellati, Parma/IT; G. Rubin, Stanford/US; C. White, Baltimore/US
11:30-11:45	Break
11:45-12:45	Industry sponsored lunch symposium
12:45-13:00	Break
13:00-15:00	Thoracic intervention Moderators: J.Y. Gaubert, Marseille/FR
13:00	Percutaneous lung nodule biopsy: Tips & tricks C. Ridge, London/UK
13:22	Imaging-guided bronchoscopic biopsy: New indications and strategies A. Mehta, Moreland Hills/US
13:44	Percutaneous ablation of lung malignancies J. Klein, Williston/US
14:06	Pleural interventions F. Gleeson, Oxford/UK
14:28	Closed chest limited anatomical pulmonary resections: The role of new imaging modalities D. Gossot, Paris/FR
14:50	Discussion
15:15-15:50	Honorary Membership & Awardings Moderators: S. Desai, London/UK; M-P. Revel, Paris/FR
15:15	Honorary Lecture "Why I am happy to be a chest radiologist and what I have to do to keep it that way in 10 years" C. Schaefer-Prokop, Amersfoort/NL
15:35	Awardings
15:50-16:00	Break
16:00-16:30	General Assembly

Time	Room 2 - Petit Amphitheatre
08:30-09:45	Scientific Session 5: ILD Moderators: A. Devaraj, London/UK; G. Meirelles, Sao Paulo/BR
08:30	Keynote lecture G. Meirelles, Sao Paulo/BR
08:35	The Sum of Usual Interstitial Pneumonia (UIP) and Emphysema is Equal to Combined Pulmonary Fibrosis and Emphysema (CPFE): A Study of HRCT Z.N. Tekin, Istanbul/TR
08:45	Increased in- and expiratory CT Density Changes reveal possible Abnormalities in Idiopathic Pulmonary Fibrosis, Hypersensitivity Pneumonitis and Systemic Sclerosis. A. Poellinger, Bern/CH
08:55	Characterization of interstitial lung disease associated with anti-ribonucleoprotein (RNP) antibodies P.A. Grenier, Paris/FR
09:05	Characteristics of lung disease patterns on CT scan in patients with idiopathic inflammatory myopathies: is CT pattern related to myositis specific autoantibodies ? A. Laporte, Neuilly sur seine/FR
09:15	Diagnosis of idiopathic pulmonary fibrosis: comparison of the new and old classification A. Ottavianelli, Rome/IT
09:25	Bronchiolocentric interstitial pneumonia: tomographic patterns of bronchopulmonary abnormalities. M.K.S. Santos, Ribeirao Preto/BR
09:35	The impact of chest CT quality in the diagnosis of Usual Interstitial Pneumonia (UIP) pattern A. Farchione, Rome/IT
13:30-15:05	ESTI meets KSTR - Oral and poster presentations Moderators: N. Howarth, Chêne-Bougeries/CH; Y.H. Kim, Gwangju/KR
13:30	Solitary Pulmonary Nodule: Characterization with Combined Wash-in and Washout Features at 40 keV Monochromatic Spectral Dynamic CT Y. Lee, Busan/KR
13:35	A Survey of Institutions with Sixteen Detector-Rows or More CT Scanners for the Introduction of National Lung Cancer Screening Program Using Low-Dose Chest CT in S. Korea S.H. Paik, Deajeon/KR
13:40	Deep Learning for Classification of A Small (≤2cm) Pulmonary Nodule on CT Imaging: A Preliminary Study K.J. Chae, Jeonju/KR
13:45	Significance of baseline CT assessment for predicting the pulmonary fibrosis during the course of chemotherapy-induced pneumonitis J.-Y. Han, Busan/KR
13:50	Pleural invasion classification of primary lung cancer by 3T MRI with contrast enhanced radial T1-wieghted 3D spoiled gradient echo sequence comparison with CT analysis W. Kwon, Wonju/KR
13:55	Long-term outcome after surgical treatment for part-solid lung cancer less than 3 cm: single institutional experience T.H. Kim, Seoul/KR
14:00	Variation of high lying azygos arch and its embryologic consideration J.Y. Yoo, Cheongju-si/KR
14:05	CT-derived Area and Density of Pectoralis Muscle Associated Disease Severity and Longitudinal Change in Chronic Obstructive Pulmonary Disease S.H. Bak, Chuncheon/KR
14:10	Is it meaningful to evaluate the thyroid attenuation on unenhanced chest CT? J.J. Woo, Seoul/KR
14:15	Early detection of chronic complicated bronchopleural fistula after pulmonary resection in longitudinal CT follow up J.W. Baek, Busan/KR
14:20	The use of low dose chest CT in healthcare workers with latent pulmonary tuberculosis K. Jin, Seoul/KR
14:25	Pericardial Diverticulum of the Right Lateral Portion of the Superior Aortic Recess; A Diagnostic Pitfall Y.W. Choi, Seoul/KR
14:30	Therapeutic and monitoring devices in the thorax: Radiographic evaluation of findings and complications J.E. Lee, Gwangju/KR
14:35	Pattern approach of mosaic attenuation: Radiological anatomy and strategy for differentiation. K.-N. Lee, Busan/KR
14:40	Comorbidities of Lung Emphysema C.H. Park, Cheonan/KR
14:45	Comparison of digital tomosynthesis and chest radiography for prediction of calcification in pulmonary nodule: A phantom study S. You, Suwon/KR
14:50	Radiographic findings of intrapulmonary hemorrhage as a complication of clopidogrel use in a patient with acute coronary syndrome E.-S. Lee, Seoul/KR
14:55	Phantom experimental study on radiation dose to doctors using an ambu-bag during head CT scan: Comparison study with non-Pb apron D. Sung, Seoul/KR
15:00	Diverse clinical and radiologic manifestations of tuberculosis in unusual human bod parts from A TO Z: Nobody shall sneak out of the white death K.Y. Lee, Ansan/KR