

THURSDAY, JUNE 09

LECTURE ROOM - L1

08:40-09:52 Scientific Session 1

Moderators: C. Beigelman-Aubry, Lausanne/CH;
G. Chassagnon, Paris/FR

- 08:40 Automatic evaluation of Bronchial Parameters using a combined Open-Source Artificial Intelligence and Optimal-Surface Graph-Cut Method
I. Dudurych, Groningen/NL
- 08:48 Deep learning-based air trapping quantification analysing structure-function relationships in children with cystic fibrosis using paired inspiratory-expiratory ultra-low dose CT
S.M. Muller, Heidelberg/DE
- 08:56 Deep learning-based quantification of perfusion abnormalities in chest MRI for cystic fibrosis
F. Ringwald, Heidelberg/DE
- 09:04 Performance of an AI Powered Algorithm to Detect Pulmonary Embolism on Virtual Monochromatic CTPA Images
E. Langius-Wiffen, Zwolle/NL
- 09:12 Clinical evaluation of a content-based image retrieval system for diagnosing diffuse parenchymal lung disease in pulmonary CTs
H. Prosch, Vienna/AT
- 09:20 Reproducibility of Pulmonary Magnetic Resonance Angiography in Adults with Muco-Obstructive Pulmonary Disease
L. Wucherpfennig, Heidelberg/DE
- 09:28 Look-locker based T1 relaxometry and high-resolution T2 in the evaluation of lung lesions: A unicentric prospective study
M. Koenigkam-Santos, Ribeirao Preto/BR
- 09:36 Impact of photon-counting CT (PCCT) in the evaluation of interstitial lung disease (ILD): Preliminary experience in 29 patients
M. Remy-Jardin, Lille/FR
- 09:44 Chest CT angiography (CTA) in daily routine with a photon-counting CT equipment: Preliminary experience
M. Remy-Jardin, Lille/FR

09:40-10:00 Coffee Break

10:00-10:15 Opening Session

Welcome from the 2020-2022 president
F. Gleeson, Oxford/UK

10:15-10:20 Break

10:20-12:00 Lung Cancer I

Moderators: F. Gleeson, Oxford/UK;
M. Prokop, Nijmegen/NL

- 10:20 Atypical CT appearances of lung cancer
I. Hartmann, Rotterdam/NL
- 10:45 Staging the mediastinum for lung cancer - Arcane and novel methods
H. Prosch, Vienna/AT
- 11:10 The Lung Cancer Diagnostic Pathway - Are delays significant
D. Baldwin, Nottingham/UK
- 11:35 State of the art lung biopsy
S. Padley, London/UK

12:00-12:05 Break

LECTURE ROOM - L2

08:40-09:44 Scientific Session 2

Moderators: I. Hartmann, Rotterdam/NL;
S. Padley, London/UK

- 08:40 Long-term follow-up of pulmonary arterial circulation after hospitalization for SARS-CoV-2 pneumonia: Dual-energy CT angiographic study in 79 patients
M. Remy-Jardin, Lille/FR
- 08:48 Post-COVID-19 1-year follow-up: Radiologic and pathologic correlation
D. Cozzi, Florence/IT
- 08:56 Pulmonary arteries enlargement in pulmonary embolism related to COVID-19 pneumonia: A single-center experience
A. Grimaldi, Rome/IT
- 09:04 Minimal Clinically Important Difference (MCID) for quantitative analysis of progressive pulmonary fibrosis on High Resolution Computed Tomography (HRCT)
G. Cicchetti, Rome/IT
- 09:12 Assessing The Proportion of PA vs AP Chest X-rays Performed Amongst Emergency Department and Inpatients at a District General Hospital
Z. Nisar, Stevenage/UK
- 09:20 Radiology-Pathology Correlation in Coarcter Subunit Alpha (COPA) Syndrome with Novel Finding of Pulmonary Lymphangiectasia
S. Ghosh, Cleveland/US
- 09:28 How often pleural appendages resemble pleural tumours on chest radiographs?
A. Villanueva, Redhill/UK
- 09:36 Pre-operative cardiothoracic ratio's prognostic value in adult cardiac surgery under cardiopulmonary bypass
H. Ramdani, Rabat/MA

10:20-12:00 Airways

Moderators: A.R. Larici, Rome/IT; D. Manos, Halifax/CA

- 10:20 Interventional treatments for COPD
A. Moore, Oxford/UK
- 10:45 Relapsing polychondritis and mimics
G. Chassagnon, Paris/FR
- 11:10 Novel treatments for COPD and role of imaging
J. Babar, Cambridge/UK
- 11:35 HRCT and bronchiectasis
S. Desai, London/UK

12:05-13:05 Industry sponsored lunch symposium

Moderator: P. Douek, Lyon/FR

- 12:05 State-of-the-Art Thoracic CT: The Value of High Concentration Iodinated Contrast
G. Milanese, Parma/IT
- 12:35 Dual Energy CT and beyond: Where are we headed?
P. Douek, Lyon/FR

13:05-13:20 Break

13:20-15:20 Lung Cancer II

Moderators: P. Beddy, Dublin/IE; A. Snoeckx, Edegem/BE

- 13:20 Imaging of post surgical appearances
P. Beddy, Dublin/IE
- 13:50 Ablation of lung tumours - Complications and outcomes
A.R. Larici, Rome/IT
- 14:20 Immunotherapy for lung cancer and imaging appearances
M-P. Revel, Paris/FR
- 14:50 CT and genetic mutations in lung cancer
J. Dinkel, Munich/DE

15:20-15:50 Coffee Break

15:50-16:20 Industry sponsored symposium

16:20-16:30 Break

16:30-18:10 Thoracic CT - Miscellaneous patterns and diseases

Moderators: F. Molinari, Tourcoing/FR;
 N. Screatton, Cambridge/UK

- 16:30 The Tree in Bud pattern - State of the art interpretation and diagnosis
J. Verschakelen, Leuven/BE
- 16:55 Role of CT scan in clinical management of sarcoidosis
L-P. Ho, Oxford/UK
- 17:20 Hypersensitivity pneumonitis - New approaches to diagnosis
C. Ridge, London/UK
- 17:45 Pulmonary Hypertension and the right ventricle on CT
L. Meijboom, Amsterdam/NL

13:20-15:20 Pulmonary Vascular

Moderators: R. Benamore, Oxford/UK;
 S. Copley, London/UK

- 13:20 Dual energy in pulmonary vascular disease
M. Remy-Jardin, Lille/FR
- 13:50 Who to refer for pulmonary endarterectomy?
N. Screatton, Cambridge/UK
- 14:20 Recent advances in CTPA
C. Schaefer-Prokop, Amersfoort/NL
- 14:50 Imaging pulmonary haemorrhage
E. Castañer González, Sabadell/ES

16:30-18:10 Mediastinum and Pleura

Moderators: J. Babar, Cambridge/UK;
 A. Farchione, Rome/IT

- 16:30 Management of pleural effusions
J. Wrightson, Oxford/UK
- 16:55 Diagnosis and staging of thymoma
B. Ghaye, Brussels/BE
- 17:20 Mesothelioma and pleural surgery
T. Frauenfelder, Zurich/CH
- 17:45 Diffuse pleural thickening - Diagnosis and clinical significance
R. Benamore, Oxford/UK

FRIDAY, JUNE 10

LECTURE ROOM - L1

08:15-08:55 ESTI General Assembly

08:55-09:00 Break

09:00-10:00 Scientific Session 3

Moderators: A. Dubbeldam, Nieuwrode/BE;
A. Snoeckx, Edegem/BE

- 09:00 Improving Image Resolution in 3-D Lung MRI Images by Combining Two Orthogonal Scans Using Super Resolution Reconstruction
J. Grolig, Heidelberg/DE
- 09:07 AI detection of normal chest radiographs in clinical practice
S. Schalekamp, Nijmegen/NL
- 09:14 Radiomics in pulmonary neuroendocrine tumours (NETs)
D. Cozzi, Florence/IT
- 09:21 Anterior mediastinal masses - Can CT morphologic and radiomic features predict pathologic classification?
M. Mayoral, New York/US
- 09:28 Prediction of disease severity in COVID-19 patients identifies predictive disease patterns in lung CT
J. Pan, Vienna/AT
- 09:35 Automatic quantification of COVID-19 viral pneumonia in chest computed tomography images using an artificial intelligence algorithm developed at a Brazilian university hospital
M. Koenigkam-Santos, Ribeirao Preto/BR
- 09:42 Evaluation of radiologists' performance compared to a deep learning algorithm for the detection of thoracic abnormalities on chest X-ray
S. Bennani, Paris/FR
- 09:49 Discussion

10:00-10:30 Coffee Break

10:30-12:00 Automated Evaluation in Thoracic Imaging

Moderators: F. Gleeson, Oxford/UK;
M. Wielpütz, Heidelberg/DE

- 10:30 The basics of Artificial Intelligence
B. van Ginneken, Nijmegen/NL
- 10:55 The work needed to implement the use of AI in CXR interpretation
A.P. Parkar, Bergen/NO
- 11:20 AI in nodule classification
C. Jacobs, Nijmegen/NL
- 11:45 AI in Interstitial Lung Disease
J. Jacob, London/UK

12:00-12:15 Break

12:15-13:15 Industry sponsored lunch symposium

13:15-13:30 Break

LECTURE ROOM - L2

09:00-10:04 Scientific Session 4

Moderators: G. Aviram, Tel Aviv/IL; A. Nair, London/UK

- 09:00 The HUNCHEST project - Lung cancer screening pilot studies in Hungary
A. Kerpel-Fronius, Budapest/HU
- 09:08 [⁶⁸Ga]Ga-DOTA-(RGD)₂ PET/CT imaging of endothelial activation in COVID-19 patients
E. van Genugten, Nijmegen/NL
- 09:16 Pre-treatment metastatic site-specific 18F-FDG PET markers are associated with clinical outcomes in patients with NSCLC receiving immunotherapy
D. Kifjak, Vienna/AT
- 09:24 CT characteristics of solid lung adenocarcinomas with low FDG uptake
S. Schalekamp, Nijmegen/NL
- 09:32 Diagnostic impact of quantitative dual-energy computed tomography perfusion imaging for the assessment of subsegmental chronic pulmonary thromboembolism
K. Hekimoglu, Ankara/TR
- 09:40 Maximising radiologist adherence to nodule management protocols in lung screening - A comparison of three radiologist support tools
E. Bartlett, London/UK
- 09:48 Association between Large Arteries Diameter and Heart Function in Subjects free of Cardiovascular Diseases
R. von Krüchten, Freiburg/DE
- 09:56 Dual-energy CT lung perfusion in systemic sclerosis: Preliminary experience in 101 patients
M. Remy-Jardin, Lille/FR

10:30-12:00 Screening

Moderators: A. Devaraj, London/UK; M. Silva, Parma/IT

- 10:30 3 challenges - Lessons learned from Italy
M. Silva, Parma/IT
- 10:55 False negatives in lung cancer screening
M. Prokop, Nijmegen/NL
- 11:20 Subsolid nodules - When to intervene?
M-P. Revel, Paris/FR
- 11:45 Discussion

13:30-15:30 Acute Imaging

Moderators: A.R. Larici, Rome/IT; M-P. Revel, Paris/FR

- 13:30 **Imaging Blunt Thoracic Trauma**
B. Hussain, Rotterdam/NL
- 14:00 **Incidental findings in thoracic trauma scans**
E. Dick, London/UK
- 14:30 **Pulmonary embolism in pregnancy**
A. Beale, Swindon/UK
- 15:00 **Haemothorax and cardiac trauma imaging**
M. Brink, Nijmegen/NL

15:30-16:00 Industry sponsored symposium

Moderator: H. Prosch, Vienna/AT

tba
Debra S. Dyer, Denver/US

16:00-16:30 Coffee Break

**16:30-18:30 ESTI meets respiratory medicine
 A joint session with ERS**

Moderator: F. Gleeson, Oxford/UK; S. Padley, London/UK

- 16:30 **LDCT LC screening: Further work-up of high-risk nodule findings**
G. Hardavella, Athens/GR
- 16:50 **Thoracic Ultrasound**
T. Frauenfelder, Zurich/CH
- 17:10 **ESTI Film Quiz**
F. Gleeson, Oxford/UK; S. Padley, London/UK

13:30-15:30 Lung Cancer III - ESTI meets CSTR

Moderators: C. Dennie, Ottawa/CA;
 F. Gleeson, Oxford/UK

- 13:30 **PET-CT in Lung Cancer**
A. Scarsbrook, York/UK
- 14:00 **The Indeterminate Pulmonary Nodule: Providing More Definitive Characterization of Benign Etiology**
D. Manos, Halifax/CA
- 14:30 **Lung Cancer pre- and post radiotherapy**
H. Prosch, Vienna/AT
- 15:00 **Lung Cancer Survivorship: Follow-up of the Lung Cancer Patient after Curative Intent Therapy**
J. Taylor, Montreal, Quebec/CA

SATURDAY, JUNE 11

LECTURE ROOM - L1

08:00-09:45 ESTI meets ESCR

Moderators: J. Biederer, Heidelberg/DE;
C. Peebles, Southampton/UK

- 08:00 Noncardiac findings on cardiac CT
R. Vliegthart, Groningen/NL
- 08:25 Cardiac calcifications: What do they tell us?
F. Pontana, Lille/FR
- 08:50 Why chest radiologists should be involved in coronary CTA
J. Bremerich, Basel/CH
- 09:15 How to do coronary CTA in 20 minutes
R. Vliegthart, Groningen/NL
- 09:40 Discussion

09:45-10:15 Coffee Break

10:15-10:45 Industry sponsored symposium

Moderator: tbc

tbc
Catherine Jones, Brisbane/AU

10:45-12:00 Techniques

Moderators: G. Aviram, Tel Aviv/IL; A. Nair, London/UK

- 10:45 Applications of Photon-counting CT
C. Xie, Oxford/UK
- 11:10 Understanding xenon MRI
J. Wild, Sheffield/UK
- 11:35 MRI of the airways
J. Biederer, Heidelberg/DE

12:00-12:15 Break

12:15-13:15 Industry sponsored lunch symposium

How Deep Learning and GSI help you overcome your clinical challenges?

Moderator: F. Gleeson, Oxford/UK

ULD Chest Imaging in Pediatrics
Sebastian Tschauer, Graz/AT

tbc
Peter Sommer, Rigshospitalet/DK

13:15-13:30 Break

LECTURE ROOM - L2

08:00-09:45 ILD

Moderators: H. Prosch, Vienna/AT;
J. Verschakelen, Leuven/BE

- 08:00 Incidental/subclinical lung abnormalities
N. Sverzellati, Parma/IT
- 08:25 NSIP revisited
A. Devaraj, London/UK
- 08:50 Antisynthetase and related connective tissue diseases - HRCT appearances
P-Y. Brillet, Bobigny/FR
- 09:15 Smoking related ILD
A. Oikonomou, Toronto/CA
- 09:40 Discussion

10:45-12:00 Infection and immunosuppressed patient imaging

Moderator: A. Oikonomou, Toronto/CA

- 10:45 Imaging in fungal infection
T. Franquet, Barcelona/ES
- 11:10 TB: What's new and what's old?
I. Tyurin, Moscow/RU
- 11:35 Acute and long term Covid imaging
W. de Wever, Leuven/BE

13:30-15:30 Lung Nodule

Moderators: A.R. Larici, Rome/IT;
 C. Schaefer-Prokop, Amersfoort/NL

- 13:30 Measuring nodule size - Methods and outcomes
 A. Nair, London/UK
- 14:00 Importance of morphological assessment
 A. Farchione, Rome/IT
- 14:30 Incidental nodules: How to reduce over diagnosis and investigation?
 M. Silva, Parma/IT
- 15:00 Benign lung tumours
 A. Snoeckx, Edegem/BE

15:30-15:45 Break

15:45-16:45 Honorary Membership & Awards

Moderator: F. Gleeson, Oxford/UK

- 15:45 Honorary Lecture „Lung cancer screening: The next steps“
 M. Prokop, Nijmegen/NL
- 16:05 Honorary Lecture „Why choose Radiology“
 M-P. Revel, Paris/FR
- 16:25 Awards & Presentation of ESTI 2023
 J. Biederer, Heidelberg/DE; F. Gleeson, Oxford/UK

13:00-13:56 ESTI meets KSTR (oral presentations)

Moderators: A.P. Parkar, Bergen/NO; W. Kwon, Seoul/KR

- 13:00 Deep learning-based survival prediction model for COPD patients using chest radiographs: Development and validation
 C.M. Park, Seoul/KR
- 13:08 Quantitative CT Image Matching Analysis of Multiscale Airway and Lung Structure-Function Responses to Bronchodilator in Asthma
 C. Lee, Seoul/KR
- 13:16 Quantitation of HRCT Findings Using a Texture-Based Automated System for Relation With Clinical Manifestations of IPF-Patients
 J.S. Park, Bucheon/KR
- 13:24 Predictive CT Features of Visceral Pleural Invasion by Lung Cancer That Abut the Pleura
 S.R. Kang, Iksan/KR
- 13:32 Association of 10-year Mortality and Incidental Abnormalities on Screening Thoracic Computed Tomography: A Single-center Study
 J.E. Lee, Gwangju/KR
- 13:40 Lateral Chest Radiograph: “Spine sign” and More
 E.S. Lee, Seoul/KR
- 13:48 Prediction of Total Lung Capacity Using Chest Radiographs: Validation of Technical Performance and Clinical Utility
 S.H. Yoon, Seoul/KR