## Workshop Room - Petit Amphithéatre

### 13:00-14:30

**High resolution CT**

- **Moderator:** D. Lynch, Denver/US

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<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Presenter</th>
<th>Location</th>
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<tbody>
<tr>
<td>13:00</td>
<td>Secondary pulmonary lobule anatomy and nodular patterns</td>
<td>H. Prosch, Vienna/AT</td>
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<td>13:18</td>
<td>Linear and reticular pattern</td>
<td>F. Molinari, Tourcoing/FR</td>
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<td>13:36</td>
<td>GGO opacities and consolidation</td>
<td>M. Silva, Parma/IT</td>
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<td>13:54</td>
<td>Approach to cystic lung diseases</td>
<td>D. Lynch, Denver/US</td>
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<td>14:12</td>
<td>How to diagnose fibrotic lung diseases</td>
<td>A. Oikonomou, Toronto/CA</td>
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<td>14:30</td>
<td>Break</td>
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### 15:00-16:00

**Lung nodule management**

- **Moderator:** A. Devaraj, London/UK

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<th>Time</th>
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<tbody>
<tr>
<td>15:00</td>
<td>Radiological assessment</td>
<td>T. Frauenfelder, Zurich/CH</td>
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<td>15:20</td>
<td>Characterization</td>
<td>A.R. Larici, Rome/IT</td>
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<td>15:40</td>
<td>Management guidelines</td>
<td>A. Devaraj, London/UK</td>
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<td>16:00</td>
<td>Break</td>
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### 16:30-17:45

**Chest radiography**

- **Moderator:** L. Goodman, Milwaukee/US

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<tr>
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<tbody>
<tr>
<td>16:30</td>
<td>A chest radiography reading guide</td>
<td>D. Tack, Braine-L'Alleud/BE</td>
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<td>16:45</td>
<td>Alveolar, interstitial and nodular syndromies</td>
<td>M. Schiebler, Wisconsin/US</td>
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<td>17:00</td>
<td>Lobar atelectasis</td>
<td>A. Leung, Stanford/US</td>
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<td>17:15</td>
<td>Pleural syndrome</td>
<td>A.P. Parkar, Bergen/NO</td>
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<td>17:30</td>
<td>Mediastinal syndromes</td>
<td>L. Goodman, Milwaukee/US</td>
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### Scientific Session 1: Lung cancer, nodules and screening

**08:30**
**Moderators:** P. Grenier, Paris/FR  
**M. Silva, Parma/IT  
**G. Chassagnon, Paris/FR**

1. Low-dose computed tomography (LDCT) screening reduces lung cancer mortality beyond 5 years

2. Automated CT quantification of interstitial lung disease: Comparison between convolutional neural network and ground truth

3. Artificial intelligence-based convolutional neural network for segmentation of pulmonary nodules in chest CT

4. Improved malignancy risk after longitudinal screening. Only 3% of Nodule-Related Index (NRI) on chest CT to predict malignancy at follow-up screening

**08:50**
**Moderators:** tba

1. Lung cancer screening in an oncologic patient population. Results of our 7-year experience

2. Is it possible to discriminate pulmonary carcinoids from hamartomas based on CT features?

3. Characteristics of malignant anterior mediastinal masses with magnetic resonance imaging using diffusion-weighted imaging and prediction of World Health Organization classification

4. Thoracic CT findings in sarcoidosis: Predominant extrathoracic disease

**08:30**
**Moderators:** C. Powell, New York/US; M-P. Revel, Paris/FR

1. Thoracic applications of AI: Threat or opportunity?

2. Current trends in worldwide lung cancer epidemiology

3. Immunotherapy: How can imaging help to evaluate the response?

4. New trends in functional imaging

**10:00**
**Break**

**10:00-10:30**
**Moderators:** L. Bonomo, Rome/IT; S. Sakai, Tokyo/JP  
**M. Schiebler, Madison/US; E. van Beek, Edinburgh/UK**


2. Immunotherapy: How can imaging help to evaluate the response?

3. Do not forget the patient: Sarcopenia and other comorbidities

4. New trends in functional imaging

**10:30-12:10**
**Break**

**12:15-13:15**
**Break**

**13:30-15:30**
**Moderators:** M. Prokop, Nijmegen/NL  
**S. Raoof, New York/US**


2. Imaging of lung cancer in 2019

3. Best technical imaging standards in CT lung cancer screening

4. From pathology to imaging: Lessons from micro-CT

5. Risk models and biomarkers: Do they improve screening?

6. Smoking-related interstitial lung disease

7. Psychological impact of screening

8. Hypersensitivity pneumonitis: An update

9. Radiation dose

**15:30-16:00**
**Break**

**16:00-17:36**
**Moderators:** A.P. Parkar, Bergen/NO; Y. Ohno, Kobe/JP  
**M. Lederlin, Rennes/FR; J.W. Song, Seoul/KR**

1. Hemoptysis: KSTR guidelines

2. Hemoptysis embolization: 10 year experience

3. Hemoptysis requiring bronchial artery embolization in patients with non-small cell lung cancer

4. Imaging of lung transplantation and common postoperative complications

5. Clinicoradiologic significance of Late-Onset Noninfectious Pulmonary Complications (LONIPCs) after allogenic hematopoietic stem cell transplantation (HSCT)

6. Staging and FDG PET/CT for early detection of interstitial lung disease: Comparison between convolutional neural network and ground truth

7. Transthoracic rebiopsy for mutation analysis in lung adenocarcinoma: Outcomes and risk factors for non-diagnostic specimen in 199 patients

8. Diagnostic outcome and safety of CT-guided core needle biopsy for mediastinal mass: A systematic review and meta-analysis

9. Imaging of lung transplantation and common postoperative complications
<table>
<thead>
<tr>
<th>Time</th>
<th>Session 1: Airways COPD</th>
<th>Session 2: Pulmonary and nodule perfusion, dose reduction and interventional</th>
<th>Company Slot</th>
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<tbody>
<tr>
<td>8:30-8:45</td>
<td>Healthy habits in France: COPD</td>
<td>Scientific Session 4: Pulmonary and nodule perfusion, dose reduction and interventional</td>
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<td>8:45-9:00</td>
<td>Early diagnosis of pulmonary fibrosis in idiopathic pulmonary fibrosis</td>
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<td>9:00-9:15</td>
<td>Early diagnosis of pulmonary fibrosis in idiopathic pulmonary fibrosis</td>
<td>Fleischner Society guidelines for solid and subsolid nodules management</td>
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<td>9:15-9:30</td>
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<td>Pulmonary hypertension: Role of CT</td>
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<td>Evaluating PE with dual layer CT</td>
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<td>Deep learning for detection and characterization of lung nodules</td>
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<td>The role of CT for risk stratification in acute PE</td>
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08:30-09:45
Scientific Session 5: ILD

Moderators: J. Bremerich, Basle/CH; S. Padley, London/UK
A. Devaraj, London/UK; G. Meirelles, Sao Paulo/BR

What to do about incidental extrapulmonary findings in the heart: A practical approach
L. Natale, Rome/IT; G. Meirelles, Sao Paulo/BR

08:46
The Sum of Usual Interstitial Pneumonia (UIP) and Emphysema is Equal to Combined Pulmonary Fibrosis and Emphysema (CPFE): A Study of HRCT
M. Das, Duisburg/DE; Z.N. Tekin, Istanbul/TR

Coronary calcium scoring on ungated CT: As useful as dedicated scoring on gated CT?
R. Vliegenthart, Groningen/NL; A. Poellinger, Bern/CH

Characterization of interstitial lung disease associated with anti-ribonucleoprotein (RNP) antibodies
F. Pontana, Lille/FR; 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

Diagnosis of idiopathic pulmonary fibrosis: comparison of the new and old classification
M.K.S. Santos, Ribeirao Preto/BR

09:25
The impact of chest CT quality in the diagnosis of Usual Interstitial Pneumonia (UIP) pattern
A. Farchione, Rome/IT

10:00 -11:30
Film Panel Introduction + Dancing (15min)

Moderators: P. Grenier, Paris/FR; N. Howarth, Chêne-Bougeries/CH

Team 1


Break
11:30-11:45
Industry-sponsored lunch symposium

11:45-12:45
Break

13:00-15:00
Thoracic Intervention

ESTI meets KSTR - Oral and poster presentations

Percutaneous lung nodule biopsy: Tips & tricks

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
A. Mehta, Moreland Hills/US; S.H. Paik, Deajeon/KR

Percutaneous ablation of lung malignancies

13:45
Deep Learning for Classification of a Small (≤2cm) Pulmonary Nodule on CT Imaging: A Preliminary Study
F. Gleeson, Oxford/UK; J-Y. Han, Busan/KR

Significance of baseline CT assessment for predicting the pulmonary fibrosis during the course of chemotherapy-induced pneumonitis
F. Pontana, Lille/FR; J-Y. Han, Busan/KR

14:15
Long-term outcome after surgical treatment for part-solid lung cancer less than 3 cm: single institutional experience
S.H. Bak, Chuncheon/KR

Variation of high lying azygos arch and its embryologic consideration
S.H. Bak, Chuncheon/KR

14:28
Closed chest limited anatomical pulmonary resections: The role of new imaging modalities
J.W. Baek, Busan/KR

Pattern approach of mosaic attenuation: Radiological anatomy and strategy for differentiation
C.H. Park, Cheonan/KR

14:40
Comorbidities of Lung Emphysema
S. You, Suwon/KR

14:45
Radiographic findings of intrapulmonary hemorrhage as a complication of clopidogrel use in a patient with acute coronary syndrome
E-S. Lee, Seoul/KR

14:50
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

14:55
Diverse clinical and radiologic manifestations of tuberculosis in unusual human body parts from A TO Z: Nobody shall sneak out of the white death
D. Sung, Seoul/KR

15:00

15:15-15:50
Honorary Membership & Awardings

Moderators: S. Desai, London/UK; M-P. Revel, Paris/FR

C. Schaefer-Prokop, Amersfoort/NL