

**THURSDAY, MAY 24**

<b>08:30-09:45</b>	<b>♥ ESCR: Educational Session 1 - Valvular heart disease</b>	<b>R1</b>	<b>08:30-09:45</b>	<b>♥ ESCR: Proffered Paper Session 1 - Imaging atrial chambers, valves and great vessels</b>	<b>R3+4</b>	<b>11:30-12:30</b>	Industry sponsored lunch symposium „Chest imaging with state of the art CT technology“	R tbc
	<i>Moderators: tbc</i>			<i>Moderators: tbc</i>			<i>Moderator: M. Prokop, Radboud University Medical Center, Nijmegen/NL</i>	
08:30	<b>The role of imaging in current guidelines</b> <i>M. Rees, Gwynned/UK</i>		08:30	<b>Duration of Vortices in 4D Flow MRI Compared to Pulmonary Artery Mean Pressure</b> <i>L. Crowe, Geneva/CH</i>			<b>Ultra High Resolution CT for lung imaging - the clinical relevancies</b> <i>M. Prokop, Radboud University Medical Center, Nijmegen/NL</i>	
08:45	<b>When and how to use CT</b> <i>K. Nikolaou, Tuebingen/DE</i>		08:40	<b>Vascular thoracic outlet syndrome: A focus on Time-Resolved MR Angiography</b> <i>S. Wassef, Iowa City/US</i>			<b>Imaging Chest pain with the GENESIS</b> <i>R. Bull, Royal Bournemouth Hospital, Bournemouth/UK</i>	
09:00	<b>When and how to use MRI</b> <i>M. Hrabak Paar, Zagreb/HR</i>		08:50	<b>Evaluation of the mitral valve anatomy, geometry and mobility in multiple cardiac phases by Multi-Slice Computed Tomography</b> <i>L. Musayeva, Baku/AZ</i>		<b>12:30-13:00</b>	Break	
09:15	<b>Pitfalls in MRI flow measurement</b> <i>J. Lotz, Goettingen/DE</i>		09:00	<b>4D flow MRI evaluation of a new technique of valve-sparing aortic root replacement (VSARR)</b> <i>V. Silvestri, Lille/FR</i>		<b>13:00-14:15</b>	<b>Joint Session: Pulmonary Hypertension</b>	<b>R1</b>
09:30	Discussion		09:10	<b>Intraobserver and interobserver variability in 3D printing and 3D model measurement of the aortic annulus</b> <i>R. Faletti, Turin/IT</i>			<i>Moderators: F. Lador, Geneva/CH; M-P. Revel, Paris/FR</i>	
<b>08:30-09:45</b>	<b>■ ESTI: Scientific Session 1 - ILD and techniques</b>	<b>R2</b>	09:20	<b>Left atrial appendage closure guided by 3D printed patient-specific models</b> <i>G. Muscogiuri, Milan/IT</i>		13:00	<b>Imaging in Pulmonary Hypertension - Beyond diagnosis</b> <i>N. Screation, Cambridge/UK</i>	
	<i>Moderators: R. Lazor, Lausanne/CH; N. Sverzellati, Parma/IT</i>		09:30	<b>Low contrast CT angiography prior to TAVI procedure: Feasibility, renal safety and diagnostic accuracy for coronary tree</b> <i>A. Annoni, Milan/IT</i>		13:15	<b>Early recognition of CTEPH - The central role of the radiologist</b> <i>G. Robinson, Bath/UK</i>	
08:30	<b>Moderator introduction</b> <i>R. Lazor, Lausanne/CH; N. Sverzellati, Parma/IT</i>		09:40	Discussion		13:30	<b>And the right ventricle? Indicators of stress and failure</b> <i>K-F. Kreitner, Mainz/DE</i>	
08:32	<b>Contrast agent accumulation patterns in fibrosing lung disease using 5D MRI (RGW 2016)</b> <i>M.T.A. Wetscherek, Cambridge/UK</i>		<b>09:45-10:00</b>	Coffee Break		13:45	<b>Noninvasive measurement of pulmonary artery pressure: Fact or fiction</b> <i>J. Vogel-Claussen, Hannover/DE</i>	
08:44	<b>Increasing the conspicuity of breast cancer by using dual-energy spectral computed tomography: Initial experience</b> <i>Y. Metin, Rize/TR</i>					14:00	Discussion	
08:56	<b>Evaluation, comparison and optimization of the effects of manual versus software automated protocols on radiation dose and image quality in paediatric chest computed tomography</b> <i>G. Argentieri, Lugano/IT</i>		<b>10:00-11:15</b>	<b>Joint Session: Opening - ESTI and ESCR meet WHO: Justification, issues and application of screening</b>	<b>R1</b>	<b>13:00-14:15</b>	<b>■ ESTI: Airways and infection</b>	<b>R2</b>
09:08	<b>Clinical performance and confidence of ultra-low dose computed tomography compared to chest X-ray investigations for diagnosing pulmonary pathology</b> <i>L.J.M. Kroft, Leiden/NL</i>			<i>Moderators: J. Bremerich, Basel/CH; N. Howarth, Chêne-Bougeries/CH; M. Prokop, Nijmegen/NL</i>			<i>Moderators: G. Ferretti, Grenoble/FR; J-P. Janssens, Geneva/CH</i>	
09:20	<b>A Deep Learning Algorithm for Classifying Fibrotic Lung Disease on High Resolution Computed Tomography</b> <i>S. Walsh, London/UK</i>		10:00	<b>Justification of CT for individual health assessment of asymptomatic persons</b> <i>M. del Rosario Perez, Geneva/CH</i>		13:00	<b>Imaging the lungs in the non HIV immuno-compromised patient</b> <i>T. Franquet, Barcelona/ES</i>	
09:32	<b>Perceived quality measurement of low-dose lung CT after retrospective neural network image enhancement</b> <i>Y. Nagaraj, Groningen/NL</i>		10:15	<b>Screening in pulmonary diseases: Dose issues</b> <i>D. Tack, Braine-L'Alleud/BE</i>		13:20	<b>EDAC and Tracheobronchomalacia</b> <i>J. Verschakelen, Leuven/BE</i>	
09:44	Discussion		10:30	<b>Screening in cardiovascular diseases: Help or harm</b> <i>M. Oudkerk, Groningen/NL</i>		13:40	<b>Non tuberculous mycobacterium infection: Role of imaging</b> <i>A. Christe, Bern/CH</i>	
			10:45	<b>Preventing Overdiagnosis: Winding back the harms of too much medicine</b> <i>J. Brodersen, Copenhagen/DK</i>		14:00	Discussion	
			11:00	Discussion				
			<b>11:15-11:30</b>	Break				

13:00-14:15	<b>ESTI: Proffered Paper Session 2 - Myocardial Tissue Characterisation with MR and CT</b> Moderators: tbc	R3+4	14:30-15:45	<b>ESTI: Lung cancer staging and treatment</b> Moderators: A.P. Parkar, Bergen/NO; J.I. Vlahos, London/UK	R2	16:00-17:15	<b>ESTI: Acute thoracic imaging</b> Moderators: G. Aviram, Tel-Aviv/IL; M-P. Revel, Paris/FR	R2
13:00	<b>Myocardial T1-mapping: The effects of coffee intake on the response to regadenoson as compared to adenosine during Cardiac Magnetic Resonance Perfusion Imaging</b> R. van Dijk, Groningen/NL		14:30	<b>TNM 8 Update</b> A.R. Larici, Rome/IT		16:00	<b>Imaging in ECMO</b> A. Nair, London/UK	
13:10	<b>Qualitative cardiac Iron overload assessment by Computed Tomography in Dual Energy mode</b> A. Titova, St. Petersburg/RU		14:50	<b>Imaging after radiotherapy</b> B. Ghaye, Brussels/BE		16:20	<b>Imaging of acute large airway trauma</b> J.I. Vlahos, London/UK	
13:20	<b>Late gadolinium enhancement patterns in patients with hypereosinophilia: Does CMR help identifying the etiology?</b> J. Pagniez, Lille/FR		15:10	<b>Imaging after precision chemotherapy in the modern era of cancer therapy</b> M-P. Revel, Paris/FR		16:40	<b>Acute aortic imaging</b> A. Oikonomou, Toronto/CA	
13:30	<b>Detection of Occult Myocardial Scars with Cardiovascular Magnetic Resonance imaging in Patients with asymptomatic type 2 Diabetes Mellitus: The ACCREDIT study</b> S.M. Ko, Seoul/KR		15:30	<b>Discussion</b>		17:00	<b>Discussion</b>	
13:40	<b>[11C]mHED PET-MRI to evaluate cardiac re-innervation in long term heart transplant patients: Preliminary results</b> A. Wielandner, Vienna/AT		14:30-15:45	<b>ESTI: Educational Session 2 - Imaging in Electrophysiology, Pacers, Defibrillators</b> Moderators: tbc	R3+4	16:00-17:15	<b>ESTI: Educational Session 3 - ESCR meets EACVI: Imaging Coronary Artery Disease</b> Moderators: tbc	R3+4
13:50	<b>Multiparametric Cardiac Magnetic Resonance in short-term monitoring of Patients with acute myocarditis: Preliminary results</b> G. Benedetti, Milan/IT		14:30	<b>When is imaging recommended in electrophysiology: Review of guidelines</b> D. Shah, Geneva/CH		16:00	<b>Coronary Morphology with CT: Evidence, clinical application, shortcomings</b> M. Dewey, Berlin/DE	
14:00	<b>Interobserver Agreement in Mapping Parameters compared to Lake Louise Criteria for the Assessment of Myocarditis by Inexperienced Observers</b> M.T.A. Wetscherek, Cambridge/UK		14:50	<b>Imaging to identify arrhythmogenic foci, plan therapy and predict outcome</b> M. Grothoff, Leipzig/DE		16:20	<b>Perfusion with MR, PET/SPECT or CT: Evidence base, clinical application, quantification</b> C. Bucciarelli-Ducci, Bristol/UK	
14:10	<b>Discussion</b>		15:10	<b>MRI with pacers and defibrillators: In- and off-label use</b> G. Pontone, Milan/IT		16:40	<b>MRI parametric mapping for perfusion and tissue characterisation: Clinical tool or work in progress</b> S. Petersen, London/UK	
14:15-14:30	<b>Break</b>		15:30	<b>Discussion</b>		17:00	<b>Discussion</b>	
14:30-15:45	<b>Joint Session: Multimodality imaging in cardiopulmonary inflammation</b> Moderators: tbc	R1	15:45-16:00	<b>Coffee Break</b>		17:15-17:30	<b>Break</b>	
14:30	<b>Perimyocarditis</b> L. Natale, Rome/IT		16:00-17:15	<b>Joint Session: Management issues</b> Moderators: J. Bremerich, Basel/CH; N. Howarth, Chêne-Bougeries/CH; H-U. Kauczor, Heidelberg/DE	R1	17:30-18:30	<b>Joint Session: ESTI/ESCR joint Film Panel Image Interpretation - Switzerland vs. Rest-of-Europe</b> Moderators: A. Bankier, Boston/US; C. Peebles, Southampton/UK	R1
14:50	<b>Organising Pneumonia</b> M. Occhipinti, Florence/IT		16:00	<b>SWOT Analysis of cardiopulmonary radiology</b> J. Wildberger, Maastricht/NL			<b>Swiss Team:</b> G. Fassa, Geneva/CH; T. Frauenfelder, Zurich/CH; A-L. Hachullah, Geneva/CH; S. Qanadli, Lausanne/CH	
15:10	<b>Vasculitis and Aortitis</b> F. De Cobelli, Milan/IT		16:20	<b>Challenges of Artificial Intelligence and Teleradiology</b> S. Wildermuth, St Gallen/CH			<b>Rest-of-Europe Team:</b> P-Y. Brillet, Bobigny/FR; A.P. Parkar, Bergen/NO; G. Pontone, Milan/IT; V. Sinitsyn, Moscow/RU	
15:30	<b>Discussion</b>		16:40	<b>Rethinking commoditisation: How to reward value-based imaging</b> J. Hodler, Zurich/CH				
			17:00	<b>Discussion</b>				

17:30-18:30	<b>ESTI: Scientific Session 2 - Pulmonary Vascular</b>	<b>R2</b>	17:54	<b>CT-Coronary Angiography in asymptomatic male patients with high atherosclerosis risk: Is it justified?</b> <i>E. Savva, Heraklion/GR</i>	18:04	<b>Non-tumorous disease of the mediastinum: Radiologic features</b> <i>K.Y. Lee, Ansan/KR</i>
	<i>Moderators: B. Ghaye, Brussels/BE; M. Remy-Jardin, Lille/FR</i>					
17:30	<b>Moderator introduction</b> <i>B. Ghaye, Brussels/BE; M. Remy-Jardin, Lille/FR</i>		18:02	<b>Computational Quantitative Flow Ratio to assess hemodynamic relevance of coronary artery disease</b> <i>D. Ties, Groningen/NL</i>	18:08	<b>Radiologic finding of pulmonary histoplasmosis: Pictorial review</b> <i>S.J. Hong, Guri-si/KR</i>
17:32	<b>Comparison of image quality in high pitch free breathing versus standard pitch breath-holding CTPA</b> <i>K. Ombati, Nairobi/KE</i>		18:10	<b>Accuracy of coronary computed tomographic angiography to detect obstructive coronary artery disease by using stress versus rest dataset in patients referred to stress computed tomo</b> <i>G. Muscogiuri, Milan/IT</i>	18:12	<b>Paraneoplastic syndromes in thoracic malignancies: Clinical manifestation and imaging findings</b> <i>K.J. Park, Suwon/KR</i>
17:41	<b>Incidence of pulmonary embolism and right heart dysfunction and impact on survival in patients with malignant melanoma</b> <i>S. Rennebaum, Mannheim/DE</i>		18:18	<b>Determining the level of agreement for atherosclerotic cardiovascular disease risk stratification between coronary artery calcium score and traditional cardiovascular risk models</b> <i>I. Kuria, Nairobi/KE</i>	18:16	<b>Hyperenhancing Mediastinal Masses: Spectrum of Causes and Imaging Features</b> <i>Y.W. Oh, Seoul/KR</i>
17:50	<b>Differences in thrombotic load between symptomatic and unsuspected pulmonary embolism</b> <i>J. Vassallo, Edinburgh/UK</i>		18:26	<b>Discussion</b>	18:20	<b>Discussion</b>
17:59	<b>A comparative study of CT findings and clinical conditions that predispose patients to lung infarction following PE</b> <i>K.K. Sifer, Ljubljana/SI</i>					
18:08	<b>Bronchial and vascular alterations in patients with severe pulmonary hypertension: Role of quantitative computed tomography</b> <i>I. Benlala, Bordeaux/FR</i>		17:30-18:30	<b>ESTI: Special Focus Session - Korean thoracic imaging</b>	<b>R2</b>	
18:17	<b>Reasons for inadequate contrast in CT pulmonary angiography studies: Single-centre study in 225 consecutive patients</b> <i>S. Sudarski, Mannheim/DE</i>			<i>Moderators: C. Schaefer-Prokop, Amersfoort/NL; J. Verschakelen, Leuven/BE</i>		
18:26	<b>Discussion</b>		17:30	<b>Moderator introduction</b> <i>C. Schaefer-Prokop, Amersfoort/NL; J. Verschakelen, Leuven/BE</i>		
			17:32	<b>Is it reliable to evaluate pulmonary nodule calcification on chest radiography? Correlation with volumetric quantification by computed tomography</b> <i>S. You, Suwon/KR</i>		
17:30-18:30	<b>ESCR: Proffered Paper Session 3 - Imaging CAD and myocardial Infarction</b>	<b>R3+4</b>	17:36	<b>Quantification of pleural plaques by computed tomography and correlations with pulmonary function: Preliminary study</b> <i>J.S. Kim, Goyang-si/KR</i>		
	<i>Moderators: tbc</i>		17:40	<b>CT characteristics of lung adenocarcinomas with epidermal growth factor receptor mutation: A propensity score matching study</b> <i>Y.J. Suh, Seoul/KR</i>		
17:30	<b>Correlation between haptoglobin phenotypes and myocardial reperfusion injury in consecutive ST-elevation myocardial infarction as detected by cardiac magnetic resonance</b> <i>G. Muscogiuri, Milan/IT</i>		17:44	<b>Percutaneous transthoracic needle biopsy: Various techniques and complications</b> <i>C.H. Park, Cheonan/KR</i>		
17:38	<b>CMR diagnosis of right ventricular myocarditis (RVM) vs arrhythmogenic right ventricle dysplasia: Overlapping phenotypes</b> <i>G. De Rubeis, Rome/IT</i>		17:48	<b>Recurrent pneumothorax: Important to investigate the cause of secondary spontaneous pneumothorax</b> <i>S.Y. Shin, Seoul/KR</i>		
17:46	<b>Comparison of the different imaging time points in delayed phase cardiac CT for myocardial scar assessment and ECV fraction estimation in patients with old myocardial infarction</b> <i>K. Kitagawa, Tsu/JP</i>		17:52	<b>Lung cancer staging: Update</b> <i>T.J. Kim, Seoul/KR</i>		
			17:56	<b>A radiologic review of acute aspiration pneumonia in the elderly</b> <i>E-Y. Kang, Seoul/KR</i>		
			18:00	<b>Various imaging spectrum of pulmonary cryptococcosis: A pattern analysis</b> <i>J.H. Kim, Incheon/KR</i>		

**FRIDAY, MAY 25**

08:00-08:30	ESTI General Assembly	R2	09:26	Malignant pleural effusion: Quantitative and qualitative diagnosis with Chest CT and PET-CT <i>M. Juárez-García, Barcelona/ES</i>	10:00-11:15	ESCR: Educational Session 5 - ESCR meets NASCI: CT in CAD <i>Moderators: tbc</i>	R3+4
08:00-08:30	ESCR General Assembly	R3+4	09:35	Preoperative CT guided wire localisation of lung nodules <i>S-J. Choi, Leeds/UK</i>	10:00	The role of CT in current guidelines? <i>C. White, Baltimore/US</i>	
08:30-09:45	Joint Session: Imaging Acute Chest Pain <i>Moderator: M-P. Revel, Paris/FR</i>	R1	09:44	Discussion	10:15	CT in acute chest pain patients: What's the evidence <i>C. White, Baltimore/US</i>	
08:30	Workup of Acute Coronary Syndrome <i>R. Salgado, Edegem/BE</i>		08:30-09:45	ESCR: Educational Session 4 - Parametric tissue mapping: T1-; T2-; T2*- and ECV <i>Moderators: tbc</i>	R3+4	10:30	How to provide high quality 24/7 service: Structured and standardised reporting <i>J. Schoepf, Charleston/US</i>
08:50	Pulmonary Embolism <i>G. Aviram, Tel-Aviv/IL</i>		08:30	Review of methodology <i>N. Kachenoura, Paris/FR</i>		10:45	CT for ischemia detection <i>R. Vliegenthart, Groningen/NL</i>
09:10	Acute aortic syndrome <i>H. Alkadhi, Zurich/CH</i>		08:50	Practical application to guide therapy and predict outcome <i>J. Bremerich, Basel/CH</i>		11:00	Discussion
09:30	Discussion		09:10	Are my mapping results normal or abnormal: A practical approach <i>N. Kawel, Chur/CH</i>		11:15-11:30	Break
08:30-09:45	ESTI: Scientific Session 3 - Lung cancer and pleural disease <i>Moderators: P. Beddy, Dublin/IE; J. Biederer, Sehheim-Jugenheim/DE</i>	R2	09:30	Discussion		11:30-12:30	ESTI: Industry sponsored Satellite Lunch Symposium
08:30	Moderator introduction <i>P. Beddy, Dublin/IE; J. Biederer, Sehheim-Jugenheim/DE</i>		09:45-10:00	Coffee Break		11:30-12:30	ESCR: Industry sponsored Satellite Lunch Symposium
08:32	Information from Computed Tomography follow-up in Idiopathic Pulmonary Fibrosis: iPFBC Multicenter Pooled Comparison with clinical and functional metrics (RGW 2016) <i>M. Silva, Parma/IT</i>		10:00-11:15	Joint Session: The World Wide Web: Impact on cardiopulmonary imaging <i>Moderator: E. van Beek, Edinburgh/UK</i>	R1	12:30-13:00	Break
08:41	Course of CT features in chronic lung allograft dysfunction after double lung transplantation (RGW 2016) <i>P. Agarwal, Allensbach/DE</i>		10:00	Remote expert opinion in Idiopathic Pulmonary Fibrosis <i>G. Sommer, Basel/CH</i>		13:00-14:15	Joint Session: Cardiovascular and pulmonary hybrid imaging <i>Moderators: O. Ratib, Geneva/CH; J.P. Vallée, Geneva/CH</i>
08:50	A computed tomography study of in-vivo growth behaviour in 60 non-screen detected lung cancers <i>O. Mets, Utrecht/NL</i>		10:15	Image processing, analysis and sharing in the cloud <i>B. van Ginneken, Nijmegen/NL</i>		13:00	Cardiac PET/CT in CAD, Sarcoidosis, Inflammation <i>F. Caobelli, Basel/CH</i>
08:59	Discordance between radiological and clinical response in a cohort of patients treated with Nivolumab in second-line therapy <i>C. Moroni, Florence/IT</i>		10:30	Web-based Education <i>T. McLoud, Boston/US</i>		13:20	Molecular Imaging of vascular inflammation and plaque <i>O. Ratib, Geneva/CH</i>
09:08	Effect of five-line signs in the prediction of staging, progression and prognosis of peripheral lung carcinoma - preliminary observation report <i>A. Yu, Haikou/CN</i>		10:45	Cardiac MRCT registry <i>M. Gutberlet, Leipzig/DE</i>		13:40	A combined morphological and functional imaging of pulmonary hypertension <i>A-L. Hachulla, Geneva/CH</i>
09:17	Accuracy, Performance Metrics and Complication Rates of CT guided thoracic biopsies: A large tertiary center 5-years' experience <i>E. Barbosa Jr., Philadelphia/US</i>		11:00	Discussion		14:00	Discussion
			10:00-11:15	ESTI: COPD <i>Moderators: I. Hartmann, Zwijndrecht/NL; M. Prokop, Amersfoort/NL</i>	R2		
			10:00	Imaging work up in Lung Volume Reduction surgery <i>M. Silva, Parma/IT</i>			
			10:20	Quantitative imaging in COPD <i>P. Grenier, Paris/FR</i>			
			10:40	Imaging of complications in COPD <i>N. Sverzellati, Parma/IT</i>			
			11:00	Discussion			

13:00-14:15	<b>ESTI: ILD 1</b>	R2	14:30-15:45	<b>Joint Session: Lung-Heart Transplantation</b>	R1	16:00-17:15	<b>ESTI: Intervention</b>	R2
	Moderators: C. Beigelman-Aubry, Lausanne/CH; N. Sverzellati, Parma/IT			Moderator: Ch. Herold, Vienna/AT			Moderators: H. Prosch, Vienna/AT; N. Screation, Cambridge/UK	
13:00	Update in hypersensitivity pneumonitis A. Devaraj, London/UK		14:30	Combined cardiothoracic CT in pre lung transplant work up S. Padley, London/UK		16:00	Ablation in lung cancer: Are there any contraindications tbc	
13:20	CPFE - Two diagnoses or one? S. Desai, London/UK		14:50	Typical pulmonary complications and indicators of rejection P. Gasche-Soccal, Geneva/CH		16:20	The challenging lung biopsy C. Ridge, Dublin/IE	
13:40	Update in IPF imaging S. Walsh, London/UK		15:10	Early detection of cardiac transplant rejection with multiparametric MRI M. Gutberlet, Leipzig/DE		16:40	Imaging in haemoptysis S. Bhalla, St. Louis/US	
14:00	Discussion		15:30	Discussion		17:00	Discussion	
13:00-14:15	<b>ESCR: Proffered Paper Session 4 - Cardiac function with novel CMR techniques</b>	R3+4	14:30-15:45	<b>ESTI: Lung cancer screening and early diagnosis/nodules</b>	R2	16:00-17:15	<b>ESCR: Best Abstract Session</b>	R3+4
	Moderators: tbc			Moderators: S. Diederich, Dusseldorf/DE; J.S. Park, Bucheon/KR			Moderators: tbc	
13:00	Left atrial functional impairment in patients with cryptogenic stroke as quantified by cardiac magnetic resonance W. Staab, Goettingen/DE		14:30	Nodule management guidelines update A. Bankier, Boston/US		17:15-17:30	Break	
13:10	Can Cardiac Magnetic Resonance Feature Tracking Predict Clinical Cardiovascular Events in Asymptomatic Aortic Stenosis Patients with Normal Ejection Fraction? M.Y. Kim, Seoul/KR		14:50	Screening in Europe - What are we all doing? S. Diederich, Dusseldorf/DE		17:30-18:30	<b>Joint Session: ESCR/ESTI joint Cardiopulmonary Quiz</b>	R1
13:20	Early detection of diabetic cardiomyopathy by using MRI-based multidirectional strain analysis - Differences in Subjects with Prediabetes, Diabetes and Healthy Controls T. Zitzelsberger, Tuebingen/DE		15:10	QA in lung cancer screening - Lessons from breast screening? M. Michell, London/UK			Moderators: G. Ferretti, Grenoble/FR; C. Peebles, Southampton/UK	
13:30	MR-compatible Echocardiography and Predictive Slice Tracking For Feasibility of Ultrasound-driven Cardiovascular MRI L. Crowe, Geneva/CH		15:30	Discussion		17:30-18:30	<b>ESTI: Scientific Session 4 - Nodules and screening</b>	R2
13:40	Association of Lung Volume and Subclinical Cardiac Impairment using Whole-body MR Imaging: A Population-based Cohort Study R. von Krüchten, Heidelberg/DE		14:30-15:45	<b>ESCR: Educational Session 6 - TAVI planning and complication management</b>	R3+4		Moderators: Y.W. Choi, Seoul/KR; S. Diederich, Dusseldorf/DE	
13:50	Biventricular intramural motion adaption correlates with electromechanical remodeling in repaired tetralogy of Fallot using tissue phase-mapping cardiac MR M-T. Wu, Kaohsiung/TW			Moderators: M. Francone, Rome/IT		17:30	Moderator introduction Y.W. Choi, Seoul/KR; S. Diederich, Dusseldorf/DE	
14:00	Assessment of left-ventricular-wall motion disorders after myocardial infarction using Compressed Sensing real-time cine imaging F. Pontana, Lille/FR		14:30	Imaging requirements and review of current guidelines R. Budde, Utrecht/NL		17:32	Capability of 3D Computer-Aided Volumetry (CADv) with Pulmonary Nodule Component Evaluation for Quantitative Prediction of Malignancy on Thin-Section CT Y. Ohno, Kobe/JP	
14:10	Discussion		14:50	Detailed workflow R. Salgado, Edegem/BE		17:41	Radiomics allows classification of lung nodules as benign or malignant (adenocarcinoma and squamous cell carcinoma). A study based on the NLST data set S. Martin, Geneva/CH	
14:15-14:30	Break		15:10	Imaging and management of typical complications P. Monney, Lausanne/CH		17:50	Digital Tomosynthesis and ground glass nodules: Optimization of acquisition protocol. A phantom study E. Baratella, Trieste/IT	
			15:30	Discussion		17:59	A Bronx Tale: Establishing and developing a Lung Cancer Screening Program in an Urban, Diverse Multi-Ethnic community A. Shmukler, Brooklyn/US	
			15:45-16:00	Coffee Break		18:08	What is a perifissural nodule? Low inter-observer agreement in NLST data A. Schreuder, Nijmegen/NL	
			16:00-17:15	<b>Joint Session: Non communicable diseases</b>	R1	18:17	Incidental Extrapulmonary Findings in Low-Dose CT of the Thorax: Just LOW or MORE? Z. Tekin, Istanbul/TR	
				Moderators: M. Gutberlet, Leipzig/DE; O. Ratib, Geneva/CH		18:26	Discussion	
			16:00	Disease prevention in the elderly: One-stop-shop screening of lung cancer, cardiovascular disease and COPD by ultra-low dose CT M. Oudkerk, Groningen/NL				
			16:20	Occupational lung disease J. Roos, Lucerne/CH				
			16:40	TBC tbc				
			17:00	Discussion				

<p><b>17:30-18:30</b>  <b>ESCR: Educational Session 7 - State of the art: Imaging central &amp; peripheral vascular disease</b> <b>R3+4</b></p> <p><i>Moderators: tbc</i></p> <p>17:30 <b>Aorta</b> <i>C. Loewe, Vienna/AT</i></p> <p>17:45 <b>Supraaortic vessels</b> <i>K. Blackham, Basel/CH</i></p> <p>18:00 <b>Renal arteries</b> <i>C. Catalano, Rome/IT</i></p> <p>18:15 <b>Lower Limb</b> <i>T. Leiner, Utrecht/NL</i></p>	<p>18:04 <b>Pleural invasion classification of primary lung cancer by a 3T MRI with radial T1-weighted 3D spoiled gradient echo sequence</b> <i>W. Kwon, Wonju/KR</i></p> <p>18:08 <b>Planning of CT-guided Percutaneous Lung Biopsy Trajectory: Comparison Using Axial Images with Additional Sagittal Images for upper lobe lesions</b> <i>S.S. Jou, Cheonan/KR</i></p> <p>18:12 <b>Clinical significance of lobe-specific emphysema index for prediction of prolonged air leak after anatomical segmentectomy</b> <i>T.H. Kim, Seoul/KR</i></p> <p>18:16 <b>Salvage of suboptimal enhancement of pulmonary artery in chest CT: Experience using a dual-layer detector spectral CT</b> <i>K.N. Jeon, Changwon/KR</i></p> <p>18:20 <b>Discussion</b></p>
<p><b>17:30-18:30</b>  <b>ESTI: Special Focus Session - Korean thoracic imaging</b> <b>R2</b></p> <p><i>Moderators: N. Howarth, Chêne-Bougeries/CH; M-P. Revel, Paris/FR</i></p> <p>17:30 <b>Moderator introduction</b> <i>N. Howarth, Chêne-Bougeries/CH; M-P. Revel, Paris/FR</i></p> <p>17:32 <b>Clinicoradiologic significance of chronic pulmonary aspergillosis that a thoracic radiologist should know – based on the updated guideline by ERS/ESCMID</b> <i>K.E. Shin, Bucheon-si, Gyeonggi-do/KR</i></p> <p>17:36 <b>CT findings and prognostic CT features of seasonal influenza viral pneumonia in adults</b> <i>K.E. Shin, Bucheon-si, Gyeonggi-do/KR</i></p> <p>17:40 <b>Impact of the new IASLC staging system in East Asian patients with non-small cell lung cancer: With comparison to the IASLC 7<sup>th</sup> TNM edition</b> <i>S.S. Shim, Seoul/KR</i></p> <p>17:44 <b>Differentiation between lymphangiomyomatosis and Birt-Hogg-Dubé syndrome: Analysis of pulmonary cysts on CT</b> <i>E.J. Chae, Seoul/KR</i></p> <p>17:48 <b>Evaluation with quantitative measurement developing airway-related physio-biologic marker using chest HRCT in COPD patients</b> <i>Y-H. Kim, Gwangju/KR</i></p> <p>17:52 <b>Prediction of Prognosis for Idiopathic Pulmonary Fibrosis with Thin-Section CT findings: Visual and Simple Quantitative Assessment</b> <i>J.J. Woo, Seoul/KR</i></p> <p>17:56 <b>Influence of radiation dose and iterative reconstruction on pulmonary nodule volumetric measurement: A phantom study using wide-volume axial scan</b> <i>H.N. Lee, Seoul/KR</i></p> <p>18:00 <b>Association between small pulmonary vascular area and mild airflow limitation in healthy smokers</b> <i>M.J. Park, Junju/KR</i></p>	

**SATURDAY, MAY 26**

08:30-09:45	<b>Joint Session: Update on large trials in cardiopulmonary diseases</b>	R1	08:30-09:45	<b>ESCR: Proffered Paper Session 5 - Myocardial Perfusion</b>	R3+4	10:00-11:15	<b>ESCR: Educational Session 8 - ESCR meets Belgium: Pericardium, masses, and Belgian waffles</b>	R3+4
	Moderator: A. Devaraj, London/UK			Moderators: tbc			Moderator: R. Salgado, Edegem/BE	
08:30	<b>Interstitial Lung Disease trials</b>		08:30	<b>First-pass myocardial perfusion using dual-layer detector CT in healthy subjects: Impact of spectral reconstructions</b>		10:00	<b>The forgotten structure: Revisiting the pericardium</b>	
	L. Richeldi, Rome/IT			D. Röttinger, Lausanne/CH			A. Nchimi, Luxembourg/LU	
08:50	<b>CT or Cath in stable chest pain: The DISCHARGE trial</b>		08:40	<b>Microvascular perfusion in infarcted and remote myocardium after successful primary PCI: Angiographic and CMR findings</b>		10:20	<b>Imaging of Cardiac masses: A diagnostic strategy</b>	
	M. Dewey, Berlin/DE			A. Bethke, Oslo/NO			J. Bogaert, Leuven/BE	
09:10	<b>Screening lung cancer</b>		08:50	<b>Modification of left ventricle myocardial perfusion reserve after the implantation of coronary sinus stent: A stress-rest CMR study</b>		10:40	<b>Belgian Waffles and French Fries: Non-invasive cardiovascular risk assessment in the 21<sup>st</sup> century</b>	
	M. Prokop, Nijmegen/NL			A. Palmisano, Milan/IT			R. Salgado, Edegem/BE	
09:30	<b>Discussion</b>		09:00	<b>A phantom-based validation method for myocardial perfusion imaging: Initial results in CT</b>		11:00	<b>Discussion</b>	
				M. Kamphuis, Enschede/NL		11:15-11:30	<b>Break</b>	
08:30-09:45	<b>ESTI: Scientific Session 5 - Airways and infection</b>	R2	09:10	<b>Relative myocardial perfusion on cardiac magnetic resonance for the assessment of lesion-specific coronary artery ischemia</b>		11:30-12:30	<b>ESTI: Industry sponsored Satellite Lunch Symposium</b>	R2
	Moderators: D. Adler, Geneva/CH; N. Screaton, Cambridge/UK			O. Ghekiere, Liège/Hasselt/BE				
08:30	<b>Moderator introduction</b>		09:20	<b>Stress computed tomographic perfusion improve diagnostic accuracy of coronary computed tomographic angiography in intermediate to high risk patients for coronary artery disease</b>		11:30-12:30	<b>ESCR: Industry sponsored Satellite Lunch Symposium</b>	R3+4
	D. Adler, Geneva/CH; N. Screaton, Cambridge/UK			G. Muscogiuri, Milan/IT				
08:32	<b>Multicentre Standardisation of Chest MRI as Radiation-Free Outcome Measure of Lung Disease in Young Children with Cystic Fibrosis</b>		09:30	<b>Performance of visual Splenic Switch-off sign, splenic and myocardial T1-reactivity in the assessment of stress adequacy during adenosine Cardiac Magnetic Resonance Imaging</b>		12:30-13:00	<b>Break</b>	
	M. Wielpütz, Heidelberg/DE			R. van Dijk, Groningen/NL				
08:42	<b>Is there correlation between radiological and microbiological criteria to diagnose invasive pulmonary aspergillosis?</b>		09:40	<b>Discussion</b>		13:00-14:15	<b>Joint Session: CT tissue characterisation and spectral imaging in cardiopulmonary diseases</b>	R1
	I. Pulzato, Genoa/IT						Moderator: X. Montet, Geneva/CH	
08:52	<b>CT Imaging Manifestations of Human Metapneumovirus</b>		09:45-10:00	<b>Coffee Break</b>		13:00	<b>Myocardial perfusion and late enhancement</b>	
	W. Miller, Philadelphia/US						S. Abbara, Texas/US	
09:02	<b>Invasive fungal infection in oncologic patients using EORTC/MSG Consensus Group definition</b>		10:00-11:15	<b>Joint Session: Systemic disease with cardiopulmonary involvement</b>	R1	13:20	<b>Pulmonary perfusion</b>	
	B. Raghavan, Chennai/IN			tbc			M. Remy-Jardin, Lille/FR	
09:12	<b>Unmasking COPD in patients excluded by the lower limit of normality</b>		10:00-11:15	<b>ESTI: Mixed assortment</b>	R2	13:40	<b>Spectral CT</b>	
	M. Occhipinti, Florence/IT			Moderators: G. Aviram, Tel-Aviv/IL; P-Y. Brillet, Bobigny/FR			T. Leiner, Utrecht/NL	
09:22	<b>Perifissural nodule count as a biomarker for COPD GOLD stages and emphysema measurements?</b>		10:00-11:15	<b>ESTI: Mixed assortment</b>	R2	14:00	<b>Discussion</b>	
	A. Schreuder, Nijmegen/NL							
09:32	<b>Analysis of multi-parametric radiomics from low-dose CT scans for better discrimination between non-emphysematous and emphysematous lung tissue</b>		10:00	<b>Subsolid nodules</b>				
	Y. Nagaraj, Groningen/NL			J.M. Goo, Seoul/KR				
09:42	<b>Discussion</b>		10:15	<b>Smoking related ILD</b>				
				J. Roos, Lucerne/CH				
			10:30	<b>Mediastinal tumours</b>				
				J.W. Song, Seoul/KR				
			10:45	<b>MSK manifestations of chest diseases</b>				
				C. Pfirrmann, Zurich/CH				
			11:00	<b>Discussion</b>				

13:00-14:15	<b>ESTI: Scientific Session 6 - Lung cancer II</b> <i>Moderators: A.R. Larici, Rome/IT; M. Silva, Parma/IT</i>	R2	13:00-14:15	<b>ESCR: Proffered Paper Session 6 - MR and CT technical advances</b> <i>Moderators: tbc</i>	R3+4	14:30-15:45	<b>ESTI: Rad Path correlation</b> <i>Moderators: M.O. Wielpütz, Heidelberg/DE; J-C. Pache, Geneva/CH</i>	R2
13:00	<b>Moderator introduction</b> <i>A.R. Larici, Rome/IT; M. Silva, Parma/IT</i>		13:00	<b>A new approach to manage the absence of full recovery of the longitudinal magnetization between the Look-Locker blocs in MOLLI sequence: Temporal registration, in vitro and in vivo</b> <i>H. Rebbah, Paris/FR</i>		14:30	<b>ILD</b> <i>Y. Inoue, Osaka/JP; M. Kitaichi, Osaka/JP</i>	
13:02	<b>Comparison of RECIST, iRECIST and PERCIST for evaluation of response to PD1-blockage therapy in patients with non-small lung cancer</b> <i>L. Beer, Vienna/AT</i>		13:10	<b>The feasibility of iterative model-based reconstruction using low-kVp protocol for heavily calcified coronary vessels</b> <i>J.Y. Yoo, Cheongju-si/KR</i>		15:00	<b>Lung Cancer</b> <i>J.M. Goo, Seoul/KR; S. Savic Prince, Basel/CH</i>	
13:12	<b>Predicting Non-Small Cell Lung Cancer Recurrence Risk: Radiomics Analysis of the Tumor and Peritumoral Lung Parenchyma on Computed Tomography</b> <i>T. Akinçi D'Antonoli, Rome/IT</i>		13:20	<b>3D multimodal image fusion - combined information about cardiac morphology, coronary FFR, myocardial perfusion, and scar</b> <i>J. von Spiczak, Zurich/CH</i>		15:30	<b>Discussion</b>	
13:22	<b>Ultrasound guided cervical lymph node sampling in the staging and management of lung cancer</b> <i>J. Baren, Leeds/UK</i>		13:30	<b>A new method for predicting splenic "switch-off" sign: Splenic T2-mapping</b> <i>T. D'Angelo, Messina/IT</i>		14:30-15:45	<b>ESCR: Educational Session 9 - ESCR meets ASCI: Non-ischemic Cardiomyopathy</b> <i>Moderators: L. Natale, Rome/IT; H. Sakuma, Mie/JP</i>	R3+4
13:32	<b>Can an annotation tool using standardized label segmentation improve TNM accuracy in NSCLC staging?</b> <i>A.W. Sauter, Basel/CH</i>		13:40	<b>Compressed Sensing real-time cine imaging in patients with cardiac arrhythmia: Does it help to reduce mis-triggering artifacts?</b> <i>F. Pontana, Lille/FR</i>		14:30	<b>CMR in Cardiac Sarcoidosis</b> <i>N. Oyama-Manabe, Sapporo/JP</i>	
13:42	<b>Radiological response of second-line Nivolumab therapy correlates with cancer stadium rather than patient's gender, histology and genetic mutations (EGFR, KRAS)</b> <i>D. Cozzi, Florence/IT</i>		13:50	<b>Quantification of the Extracellular Volume Fraction (ECV) with Cardiac CT - Comparison with Cardiac MR</b> <i>D. Vignale, Milan/IT</i>		14:45	<b>CMR in Cardiac Amyloidosis</b> <i>tbc</i>	
13:52	<b>Multivariate modeling for benign vs malignant diagnosis in CT guided trans-thoracic biopsies: How well can we predict diagnosis based on clinical and CT imaging information?</b> <i>E.J.M. Barbosa Jr., Philadelphia/US</i>		14:00	<b>Non-binary Myocardial Infarct Quantification Technique Accounting for Partial Volume Averaging - Feasibility of Application of Percent Infarct Mapping in Patients</b> <i>D. Mastrodicasa, Charleston/US</i>		15:00	<b>Value of T1 mapping in DCM - Pro</b> <i>I. Carbone, Rome/IT</i>	
14:02	<b>Opportunistic Lung Cancer CT Screening in Outpatient Service in Germany: Frequency, Predictors and Quality</b> <i>D. Schneider, Heidelberg/DE</i>		14:10	<b>Discussion</b>		15:15	<b>Value of T1 mapping in DCM - Con</b> <i>J.I. Jung, Seoul/KR</i>	
14:12	<b>Discussion</b>		14:15-14:30	<b>Coffee Break</b>		15:30	<b>Discussion</b>	
			14:30-15:45	<b>Joint Session: Drug induced cardiopulmonary toxicity</b> <i>Moderators: I. Hartmann, Zwijndrecht/NL</i>	R1	15:45-16:00	<b>Break</b>	
			14:30	<b>Drug induced lung disease</b> <i>C. Schaefer-Prokop, Amersfoort/NL</i>		16:00-17:00	<b>Joint Session: Closing and Awardings - Future directions in cardiopulmonary imaging</b> <i>Moderators: J. Bremerich, Basel/CH; N. Howarth, Chêne-Bougeries/CH</i>	R1
			14:50	<b>Cancer cured but heart sick: Monitoring cardiotoxicity during chemotherapy</b> <i>E. Mousseaux, Paris/FR</i>		16:00	<b>Is hyperpolarized Xenon the future of pulmonary imaging?</b> <i>F. Gleeson, Oxford/UK</i>	
			15:10	<b>Recreational drugs abuse: An attack to cardiovascular system</b> <i>M. Francone, Rome/IT</i>		16:20	<b>Paradigm shifts in cardiovascular MRI</b> <i>M. Stuber, Lausanne/CH</i>	
			15:30	<b>Discussion</b>		16:40	<b>ESTI &amp; ESCR awardings</b>	