

Program

Friday, 2nd June 2023

Time	Session / topic	Chairperson / presenter
09:00 – 09:30	Welcome	Prof. Philippe Douek, Prof. Loic Bussel, HCL, Lyon, France Mr. Frans Venker, Philips
09:30 – 10:50	Session #1: Oncology	Prof. David Maintz, University Hospital Cologne, Germany
09:30 – 09:45	Spectral CT in daily oncology practice: Lessons learned from 7 years experience	Dr. Nils Große Hokamp, University Hospital Cologne, Germany
09:45 – 09:55	Assessment of correlation between iodine uptake and FDG uptake in PET/CT in lung cancer	Dr. Michael Brun Andersen, Copenhagen University Hospital Herlev/Gentofte, Denmark
09:55 – 10:05	Utility of Dark-Blood Dual-Energy CT Images for Predicting Vascular Involvement and R0 Resection in Patients with Pancreatic Cancer	Prof. Xin Li, Union Hospital of Tongji Medical College, Huazhong University of Science and Technology, Wuhan, China
10:05 – 10:15	Benefits of Spectral CT in head and neck cancer	Dr. Frédérique Dubrulle, CHRU Lille, France
10:15 – 10:25	Examples of how MonoE Images can improve comparability of follow-up examinations under different tube potential	Dr. Viktoria Palm, Heidelberg University Hospital, Germany
10:25 – 10:35	Benefits of Spectral CT in Image Guided Interventions and Interventional Oncology	Dr. Brian Welch, Mayo Clinic, Rochester, USA
10:35 – 10:50	Panel discussion	Prof. David Maintz, University Hospital Cologne, Germany
10:50 – 11:20	Morning break	
11:20 – 12:30	Session #2: Neurovascular and Cardiovascular	Prof. Birgitta Velthuis, UMC Utrecht, The Netherlands
11:20 – 11:35	Spectral CT in daily vascular practice: Lessons learned from 7 years experience	Prof. Birgitta Velthuis, UMC Utrecht, The Netherlands
11:35 – 11:45	Advantages of SDCT in differentiating acute vs. chronic pulmonary embolism	Prof. David Maintz, University Hospital Cologne, Germany
11:45 – 11:55	Benefits of Spectral imaging in Cardiac CT and myocardium assessment	Dr. Sara Boccalini, HCL, Lyon, France
11:55 – 12:05	How Spectral CT improves technologist and patient experience with reduced iodine injection	Mr. Thomas Mingas, HCL, Lyon, France
12:05 – 12:15	Why a private hospital with high patient throuput has decided to go for Spectral CT	Dr. Béatrice Daoud, Hôpital Privé d'Antony, France
12:15 – 12:30	Panel discussion	Prof. Birgitta Velthuis, UMC Utrecht, The Netherlands
12:30 – 14:00	Lunch	
14:00 – 15:30	Breakout session 1:	
	Workshop #1: Oncology	Dr. Nils Große Hokamp, University Hospital Cologne, Germany Dr. Michael Brun Andersen, Copenhagen University Hospital Herlev/Gentofte, Denmark
	Workshop #2: Cardiovascular	Dr. Eliseo Vañó Galván, Hospital Nuestra Señora del Rosario, Madrid, Spain Prof. Philippe Douek, HCL, Lyon, France
15:30 – 16:00	Afternoon break	
16:00 – 17:30	Breakout session 2:	
	Workshop #1: Oncology	Dr. Nils Große Hokamp, University Hospital Cologne, Germany Dr. Michael Brun Andersen, Copenhagen University Hospital Herlev/Gentofte, Denmark
	Workshop #3: Emergency	Dr. Dominika Sucha, UMC Utrecht, The Netherlands Prof. Eric de Kerviler, Hôpital Saint-Louis, Paris, France
18:00 – 18:30	Bus to dinner	
19:00 – 00:00	Group dinner	

Program

Saturday, 3rd June 2023

Time	Session / topic	Chairperson / presenter
09:00 – 10:15	Breakout session 3:	
	Workshop #2: Cardiovascular	Dr. Eliseo Vañó Galván, Hospital Nuestra Señora del Rosario, Madrid, Spain
		Prof. Philippe Douek, HCL, Lyon, France
	Workshop #3: Emergency	Dr. Dominika Sucha, UMC Utrecht, The Netherlands
		Prof. Eric de Kerviler, Hôpital Saint-Louis, Paris, France
10:15 – 10:45	Morning break	
10:45 – 11:35	Session #3: Emergency and General Radiology	Prof. Emmanuel Coche, UCL, Brussels, Belgium
10:45 – 10:55	How AI can ease fracture detection in CT images	Prof. Jean-Baptiste Pialat, HCL, Lyon, France
10:55 – 11:05	How AI can improve image quality and reduce radiation dose in Abdominal imaging	Prof. Julien Frandon, CHU Nimes, France
11:05 – 11:15	Emergency Imaging: A look in the rear-view mirror after seven years of Spectral CT use	Prof. Emmanuel Coche, UCL Brussels, Belgium
11:15 – 11:25	Hepatic fat quantification using Spectral CT	Prof. Olivier Ernst, CHRU Lille, France
11:25 – 11:35	Panel discussion	Prof. Emmanuel Coche, UCL Brussels, Belgium
11:35 – 12:40	Session #4: Hot Topics and Innovation	Prof. Loic Bussel, HCL, Lyon, France
11:35 – 11:45	Three-dimensional printing of patient-specific soft tissue and bone phantoms for CT	Prof. Peter Noël, University of Pennsylvania, USA
11:45 – 11:55	Artificial Intelligence in Philips CT scanners: from workflow to post processing.	Mr. Ravindra Manjeshwar, Philips
11:55 – 12:05	Integration of AI in the management of COVID patients: from the creation of the database to the deployment of a clinical tool.	Prof. Loic Bussel, HCL, Lyon, France Ms. Anna Vlachomitrou, Philips
12:05 – 12:15	Photon Counting CT principles and challenges	Mr. Ravindra Manjeshwar, Philips
12:15 – 12:25	Multi-Energy Approach : From Spectral CT to Spectral Photon Counting CT	Prof. Philippe Douek, HCL, Lyon, France
12:25 – 12:40	Panel discussion	Prof. Loic Bussel, HCL, Lyon, France
12:40 – 12:50	Closing	Mr. Frans Venker, Philips
12:50 – 14:00	Lunch	



Thank you for joining
our MDCT user meeting!