



ECR 2025

learning sessions program

Current and future clinical utilization of quantitative neuroimaging

Symposium | 27 February | 12:30 – 13:30 | Open Forum, ACV, Foyer B on Level 2

SmartQuant: Transforming Clinical Workflows with AI-Based Quantification

Over the last twenty years, quantitative magnetic resonance imaging (MRI) has shown significant benefits in research for a deeper understanding of the brain, but its application to clinical practice was limited by complexity and lack of integration with existing systems.

Sant Pau Hospital in Barcelona, Spain, took a step forward in quantitative neuroimaging by implementing SmartQuant Neuro technology, which combines Synthetic MR's SyMRI and Philips's SmartSpeed AI software. In this session, **the clinical utilization story of AI accelerated quantitative MRI** at Sant Pau Hospital will be presented.

Imagers fixing the world

Symposium | 28 February | 09:30 – 11:00 | Room O2 & In Focus Lounge on Level 1

In the face of adversity: delivering healthcare to challenging environments

From providing teleservices in conflict zones and bringing ultrasound to the remotest regions to harnessing the power of AI and driving radiology's green transition, Imagers Fixing the World will celebrate the people and projects that are advancing global health equity and planetary sustainability for the future.

Join Philips' Olesya Struk, Senior Director Group Sustainability, who will speak about **'Supplying Ukraine with healthcare technology needed to care for the country's wounded and displaced populations.'**

Sustainability and equity in radiology AI: ensuring a fair future

Symposium | 28 February | 09:30 – 11:00 | Room G2, Level 1

This session explores the critical aspects of sustainability and equity in radiology AI. It aims to provide insights into the carbon footprint of training and deploying AI models in clinical settings, as well as strategies for reducing their environmental impact.

Join Philips' Sophie Thornander, Director Program Manager Circular Economy & Transformation, who will speak about **'Sustainable AI infrastructures: key considerations for radiology departments.'**

CT hands-on sessions

26 February – 28 February | Philips at Level 2, Education Hub, Foyer B, room 2.44

Experience our CT hands-on sessions which help you to gain practical insights.
Space is limited – add the sessions to your calendar now and arrive early to secure your seat.

Date	Time (CET)	Topic	Faculty
Wednesday, 26 Feb	11:15 – 12:45	Optimizing your investment in the system you have for Cardiac CT	Prof. Davide Ippolito Dr. Eliseo Vañó Galván
	15:00 – 16:30	Spectral CT in Oncology	Prof. Nils Grosse Hokamp
Thursday, 27 Feb	09:30 – 11:00	Spectral CT in Neuro and MSK	Dr. Schekeb Aludin
	13:00 – 14:30	Optimizing your investment in the system you have for Cardiac CT	Prof. Davide Ippolito Dr. Eliseo Vañó Galván
Friday, 28 Feb	11:15 – 12:45	Spectral CT in Neuro and MSK	Dr. Schekeb Aludin
	13:00 – 14:30	Spectral CT in Oncology	Prof. Nils Grosse Hokamp

Ultrasound hands-on sessions

26 February – 28 February | Philips at Level 2, Education Hub, Foyer B, room 2.43

Experience our Ultrasound hands-on sessions which help you to gain practical insights.
Space is limited – add the session to your calendar now and arrive early to secure your seat.

Date	Time (CET)	Topic	Faculty
Wednesday, 26 Feb	10:30 – 11:30	Quantitative, multiparametric Liver Ultrasound Imaging in clinical practice	Prof. Thomas Reiberger
	12:00 – 13:00	How to acquire the perfect Liver image? – beginner level	Prof. Dirk A. Clevert
	13:30 – 14:30	High-res Ultrasound Imaging of Elbow	Prof. Carlo Martinoli
	15:00 – 16:00	High-res Ultrasound Imaging of Wrist and Hand	Prof. Carlo Martinoli
Thursday, 27 Feb	10:00 – 11:00	Background and clinical evaluation of Fatty Liver Disease	Prof. Paul Sidhu
	11:30 – 12:30	Super Resolution Imaging: a new diagnostic tool – intermediate level	Prof. Dirk A. Clevert
	13:00 – 14:00	Liver Ultrasound from basic 2D Ultrasound to Lesion diagnosis with CEUS – intermediate level	Prof. Dirk A. Clevert
	14:15 – 15:15	High-res Ultrasound Imaging of Ankle and Midfoot	Prof. Carlo Martinoli
	15:30 – 16:30	Liver stiffness and fat quantification for the non-invasive assessment of chronic Liver disease	Dr. Giovanna Ferraioli
Friday, 28 Feb	10:30 – 11:30	The 7-Sweeps approach to Neck Ultrasound Imaging – technique and anatomy	Dr. Andrew McQueen
	12:00 – 13:00	Advanced Neck Ultrasound Imaging – High Frequency Imaging, MicroFlow Imaging, Interventional Imaging, and 3D Volume Imaging	Dr. Andrew McQueen
	14:00 – 15:00	AAA Abdominal Aortic Aneurysm scanning – beginner level	Prof. Jonas Eiberg
	15:00 – 16:00	Carotid scanning – beginner level	Prof. Jonas Eiberg