

### **MRI Education Series, Autumn 2023**

<b>Topic</b>	<b>Date</b>	<b>Speaker</b>
MRI Physics – Low Field to High Field	Thursday 14 <sup>th</sup> September <b>0945 UK Time</b>	David Norris
Relaxometry	22 <sup>nd</sup> September	Emil Ljungberg
Method Developments for High-Throughput MR Image Guided Radiotherapy in the Mouse Abdomen	29 <sup>th</sup> September	Sean Smart
Non contrast MR Perfusion	6 <sup>th</sup> October	Oliver Marcel Geier
From Data Crimes to Self-Supervised Reconstruction: Advancing AI-based MRI	20 <sup>th</sup> October	Efrat Shimron
MRI artefacts – what are they? How do we beat them?	27 <sup>th</sup> October	Richard Bowtell and Jan Paul
Experimental strategies to validate Diffusion MRI biomarkers	3 <sup>rd</sup> November	Silvia de Santis
Zero- and Ultra Short-Echo Time imaging	10 <sup>th</sup> November	Florian Wiesinger (GE Healthcare)
Neonatal imaging	17 <sup>th</sup> November	Finn Lennartsson
Relaxometry – Fingerprinting	24 <sup>th</sup> November 16:00 UK time	Sebastien Flassbeck
Acquisition and reconstruction of MRI	1 <sup>st</sup> December <b>16:00 UK Time</b>	Abbas Moghaddam
Cardiac perfusion MRI	8 <sup>th</sup> December	TBC
Brain Segmentation & Processing	14 <sup>th</sup> December	Fabrizio Pizzagalli

If you would like a copy of the talk before it is on the British and Irish Chapter Website (<https://www.ismrm.org/chapters/british-chapter/mr-edu-series/>), please contact James Grist ([james.grist@cardiov.ox.ac.uk](mailto:james.grist@cardiov.ox.ac.uk)).

**All talks are held at 10:00 UK time, unless otherwise stated.**