

# ESMRMB 2017 – 34<sup>th</sup> Annual Scientific Meeting

## Scientific Programme at a glance

	ROOM TIME	AUDITORIUM / ROOM 7 Level 3	ROOM 8 Level 3	ROOM 6 Level 3	ROOM 5 Level 3	ROOM 4 Level 2	ROOM 3 Level 2	SCIENTIFIC EXHIBITION - MEET THE AUHORS Level 1	
THURSDAY, OCTOBER 19, 2017	08:00-09:00	Teaching Session (basic) Imaging Methods for Microstructure		Teaching Session (basic) MR-Physics for Radiologists	Teaching Session (advanced) Design and Implementation of RF Coils: Low to High Field Applications				
	09:15-10:10	Opening Ceremony Sir Peter Mansfield Lecture Beyond Water							
	10:15-11:15	Plenary Session Microstructure - From Bench to Bedside							
	11:45-12:45	Teaching Session (advanced) Cardiac MRI		Scientific Session Gadolinium Deposition / Retention	Scientific Session Head, Neck and Spine	Scientific Session Flow & Angio	Lightning Talks Animal Models	New Contrasts, Diffusion Weighted Imaging, Miscellaneous (11:45 - 12:15) Don't Move - Motion Artefacts and Quality Control, Neuroimaging - Preclinical (12:15 - 12:45)	
	12:50-13:50	Industry-sponsored Symposia							
	14:00-15:30	Teaching Session (radiographers) Getting to Grips with Cardiac MRI		Teaching & Scientific Session Diffusion MRI: Methods & Analyses	Scientific Session MR Hardware	Scientific Session Musculoskeletal - Clinical Applications	Lightning Talks Pulse Sequences and Novel Contrasts		Software Exhibits 14:00 - 15:00
	16:00-17:30	Teaching Session (radiographers) Getting the Best out of 3T: Tips and Tricks		Scientific Session Quantitative Parameter Mapping	Teaching & Scientific Session MR Spectroscopy Methods	Scientific Session Functional Imaging	Lightning Talks Body & MSK		Interventional MRI, Image Reconstruction and Processing, fMRI (16:00 - 16:30) Novel Hardware and Sequences, Neuroimaging - Clinical (16:30 - 17:00)
		Meet the Experts - Networking Event							
FRIDAY, OCTOBER 20, 2017	08:00-09:00	Teaching Session (advanced) Data Mining in Big Data / Machine Learning		Teaching Session (basic) Quantitative MRI	Teaching Session (advanced) MRI for Radiation Therapy				
	09:15-10:30	Plenary Session Big data from cohort and clinical studies							
	10:50-12:20	Teaching Session (basic) Imaging Cerebrovascular Reactivity	Scientific Session Clinical Applications in the Brain	Teaching & Scientific Session Machine Learning and Image Processing	Scientific Session Image Pulse Sequences and Techniques I	Scientific Session Preclinical MRS Applications	Lightning Talks Diffusion and fMRI	Clinical Review Posters 10:50 - 11:20 Cardiovascular, Breast and Chest Imaging, Musculoskeletal Imaging (11:20 - 11:50)	
	12:30-13:30	Industry-sponsored Symposia							
	13:50-15:20	Teaching Session (advanced) Personalized Medicine / MR-based Risk Stratification in Personalized Medicine	Scientific Session MR Spectroscopy Applications in Human Body and Brain	Scientific Session Perfusion Imaging	ESMRMB meets CSMRM State of the Art in Brain Imaging	Scientific Session Abdominal Imaging - Clinical Applications	Lightning Talks Hardware and Safety Contrasts		Software Exhibits 13:50 - 14:50
	15:40-17:10	Scientific Session Cardiac MRI	Scientific Session Brain Tumours & Psychiatric Disease	Career Session	Scientific Session Image Pulse Sequences and Techniques II	Scientific Session Gradients and Detectors	Lightning Talks Quantification and Post-Processing		Abdominal Imaging - Clinical, Abdominal Imaging - Preclinical (15:40 - 16:10) Peaks and Valleys - MR Spectroscopy, Rise of the Machines (16:10 - 16:40)
	17:20-18:20	Hot Topic Debate Quantitative Relaxation Time Measurement: Boom or Bust?							
SATURDAY, OCTOBER 21, 2017	08:00-09:00	Teaching Session (advanced) CEST and Relaxation Enhanced MRI		Teaching Session (basic) Image Registration and Segmentation Algorithms	Teaching Session (advanced) MRI Perfusion in Brain Lesions: Tips and Pitfalls				
	09:15-10:30	Plenary Session MRI for Neuroscience							
	10:50-12:20	Teaching Session (advanced) MRI Simulations: Techniques & Tools		Teaching & Scientific Session Breast & Chest - Clinical Applications	Scientific Session Motion, Artefacts and Quality Control	Spanish Experts Session MR Clinica	Lightning Talks Perfusion and Molecular Imaging	Views: Opinion and Discussion Section 10:50 - 11:50	
	12:30-13:30	Industry-sponsored Symposia							
	13:50-15:20	Teaching Session (basic) Basics of Contrast-Enhanced MRI		Teaching & Scientific Session Novel Contrasts & Methods I	Scientific Session Diffusion Imaging	Spanish Experts Session MR Clinica y Preclinica	Lightning Talks Brain and Spine - Clinical Applications		
	15:40-17:10	Scientific Session Brain: Focus on fMRI		Scientific Session Novel Contrasts & Methods II	Scientific Session Animal Models: Brain and Non-Brain	Spanish Experts Session MR Preclinica	Lightning Talks Quantification and Post-Processing		
	17:20-18:20	Roundtable Discussion What is the Future of Contrast Agents in MRI?							
	18:20-18:40	Closing & Awards Ceremony							

Technical Exhibition  
08:30 - 17:30

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08:30 - 17:30

Technical Exhibition  
08:30-17:30