

# ESMRMB 2016 – 33<sup>th</sup> Annual Scientific Meeting

## Scientific Programme at a glance

THURSDAY, SEPTEMBER 29, 2016	ROOM TIME	LEHAR 3-4	STOLZ 1	STOLZ 2	LEHAR 1	LEHAR 2	MEET THE AUTHORS		
	08:00-09:00			<b>Teaching Session (adv.)</b> Zero-echo-time MRI: quick and silent	<b>Teaching Session (adv.)</b> Functional kidney imaging with MRI	<b>Teaching Session (basic)</b> MR-physics for radiologists			
09:10-10:15		<b>Opening Ceremony</b> Sir Peter Mansfield Lecture							
10:20-11:20		<b>Plenary Session</b> Hybrid imaging and intervention							
11:35-12:45		<b>Teaching Session (basic)</b> New developments in preclinical and clinical contrast-enhanced imaging	<b>Scientific Session</b> MRI of the chest and the breast	<b>Scientific Session</b> Lipids in many shades	<b>Scientific Session</b> Epilepsy and degenerative brain disorders	<b>Lightning Talks</b> Hardware, pulse sequences and diffusion	<b>ePoster</b> 12:35-13:05	<b>Paper Poster</b> 12:35-13:05	
12:50-13:50		<b>Industry-sponsored Symposium</b>							
14:00-15:30		<b>Teaching Session (adv.)</b> Metabolic imaging	<b>Scientific Session</b> Perfusion imaging of human brain & head		<b>Scientific Session</b> Cardiac MRI: getting to the heart of the matter		<b>News</b> 14:00-15:00	<b>Views</b> 14:00-15:00	<b>Software Exh.</b> 14:00-15:00
16:00-17:30		<b>Teaching Session (adv.)</b> Functional neuroimaging techniques	<b>Scientific Session</b> Novel hardware concepts	<b>Scientific Session</b> Animal models	<b>Scientific Session</b> Vascular and head injury	<b>Lightning Talks</b> Image analysis and reconstruction	<b>ePoster</b> 17:00-17:30	<b>Paper Poster</b> 17:00-17:30	
17:35		<b>Meet the expert - networking event</b> Level 1 – Restaurant Brasserie							

Technical Exhibition  
08:30 - 17:30

FRIDAY, SEPTEMBER 30, 2016	ROOM TIME	LEHAR 3-4	STOLZ 1	STOLZ 2	LEHAR 1	LEHAR 2	MEET THE AUTHORS		
	08:00-09:00			<b>Teaching Session (adv.)</b> Sparse sampling approaches	<b>Teaching Session (basic)</b> 4D Flow imaging	<b>Teaching Session (basic)</b> MRI in the presence of implants: how to address artifacts and safety concerns			
09:10-10:40		<b>Plenary Session</b> Fields of dreams - tuning and boosting for the next generation							
10:50-12:20		<b>Teaching Session (basic)</b> Neuro MRA		<b>Scientific Session</b> <sup>13</sup> C, <sup>31</sup> P, and <sup>1</sup> H MRS	<b>Scientific Session</b> Novel contrasts and methods		<b>ePoster</b> 10:50-11:20	<b>Paper Poster</b> 10:50-11:20	<b>Software Exh.</b> 10:50-11:50
12:30-13:30		<b>Industry-sponsored Symposium</b>							
13:50-15:20		<b>Teaching Session (adv.)</b> Transforming MR spectroscopy into a clinical tool (in collaboration with the European Marie-Curie Initial Training Network 'TRANSACT')	<b>Scientific Session</b> Pulse sequences	<b>Scientific Session</b> Diffusion methods for microstructure assessment	<b>Scientific Session</b> Flow and angiography	<b>Lightning Talks</b> Data processing and quantification	<b>ePoster</b> 14:50-15:20	<b>Paper Poster</b> 14:50-15:20	
15:40-17:10		<b>Scientific Session</b> Diffusion measurements applied to tissue	<b>Grant &amp; Career Session</b>	<b>Scientific Session</b> Methods for brain and body MRS	<b>Scientific Session</b> Brain tumours	<b>Lightning Talks</b> Animal models and molecular imaging	<b>ePoster</b> 16:40-17:10	<b>Paper Poster</b> 16:40-17:10	
17:20-18:20		<b>Hot Topic Debate</b> Man versus machine in Radiology: the computer will take over							

Technical Exhibition  
08:30 - 17:30

SATURDAY, OCTOBER 1, 2016	ROOM TIME	LEHAR 3-4	STOLZ 1	STOLZ 2	LEHAR 1	LEHAR 2	MEET THE AUTHORS		
	08:00-09:00			<b>Teaching Session (basic)</b> Basics of machine learning	<b>Teaching Session (adv.)</b> RF pulse design	<b>Teaching Session (adv.)</b> Arterial spin labeling in practice			
09:10-10:40		<b>Plenary Session</b> Hunting the hidden: a deeper look into images, randomness and fingerprints							
10:50-12:20		<b>Teaching Session (basic)</b> Basics of multiband imaging	<b>Scientific Session</b> Quantitative imaging biomarkers	<b>Teaching &amp; Scientific Session</b> CEST: state of the art and beyond	<b>Scientific Session</b> Abdominal clinical applications	<b>Lightning Talks</b> Perfusion, functional and MRS	<b>ePoster</b> 11:50-12:20	<b>Paper Poster</b> 11:50-12:20	
12:30-13:30			<b>ESMRMB Annual Business Meeting</b>		<b>Industry-sponsored Symposium</b>				
13:50-15:20		<b>Teaching Session (adv.)</b> Myocardial tissue characterisation, T <sub>1</sub> , T <sub>2</sub> , T <sub>2</sub> * DWI	<b>Scientific Session</b> RF transmission and reception	<b>Scientific Session</b> Functional MRI	<b>Scientific Session</b> MSK MRI: more than bones	<b>Lightning Talks</b> Brain & peripheral nerves	<b>ePoster</b> 14:50-15:20	<b>Paper Poster</b> 14:50-15:20	
15:40-17:10		<b>Scientific Session</b> RF Pulses	<b>Scientific Session</b> Motion, artefacts & quality control	<b>Scientific Session</b> Molecular and cellular imaging	<b>Scientific Session</b> Beyond anatomy in brain	<b>Lightning Talks</b> It's a no-brainer!	<b>ePoster</b> 16:40-17:10	<b>Paper Poster</b> 16:40-17:10	
17:20-18:20		<b>Roundtable Discussion</b> Is our DNA safe in our magnets?							
18:20-18:40		<b>Closing &amp; Awards Ceremony</b>							

Technical Exhibition  
08:30-17:30