

# 1<sup>st</sup> CENIR-MRI Workshop

## Translational research with Multi-Modal Imaging



**Wednesday March 30, 2016**  
**Thursday March 31, 2016**

**ICM-Hôpital Pitié-Salpêtrière**  
**Paris, France**

### Workshop Registration :

[Registration here](#)

Free of charge

Deadline February 29, 2016

### March 30~Program at a glance

Time	Topic	Speaker	Location
8:45 – 9:20	CHECK-IN		
9:20 - 9:30	INTRODUCTION	<b>S. Lehericy</b> ICM-CENIR, Paris	Auditorium
9:30 – 10:10	<b>Imaging tissue microstructure with model-based diffusion MRI</b>	<b>G. Zhang</b> UCL, London	Auditorium
10:10 – 10:50	<b>Quantification in diffusion</b>	<b>S. Jbabdi</b> Univ. of Oxford, Oxford	Auditorium
10:50 – 11:10	COFFEE BREAK		
11:10 – 11:50	<b>Human brain microstructure and function explored In vivo by diffusion-weighted spectroscopy</b>	<b>F. Banzoli</b> ICM-CENIR, Paris	Auditorium
11:50 – 12:30	<b>Myelin g-ratio imaging: promises and pitfalls</b>	<b>N. Stikov</b> Polytechnique, Montréal	Auditorium
12:30 – 14:00	LUNCH BREAK – POSTER SESSION		
14:00 – 14:30	<b>Anatomo-clinical correlations</b>	<b>E. Volle</b> ICM, Paris	Auditorium
14:30 – 15:00	<b>Multiple sclerosis</b>	<b>B. Bodini</b> ICM, Paris	Auditorium
15:00 – 15:30	<b>Structural connectivity in the brainstem</b>	<b>E. Bardinnet</b> ICM-CENIR, Paris	Auditorium
15:30 – 15:50	COFFEE BREAK		
15:50 – 16:20	<b>Diffusion imaging in stroke prognosis : An example of bench to bed translational research</b>	<b>C. Rosso</b> ICM, Paris	Auditorium
16:20 – 16:50	<b>Motor control and movement disorders</b>	<b>C. Galléa</b> ICM-CENIR, Paris	Auditorium
16:50 – 17:00	CONCLUSION		



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**March 31~Program at a glance**

Time	Topic	Speaker	Location
9:00 – 9:30	CHECK-IN		
9:30 - 10:10	<b>DWS in rodents</b>	<b>J. Valette</b> CEA, MIRCen, Fontenay	Auditorium
10:10 – 10:50	<b>fMRI at Ultra-High Magnetic Field: New Developments</b>	<b>L. Ciobanu</b> CEA, Neurospin, Gif sur Yvette	Auditorium
10:50 – 11:10	COFFEE BREAK		
11:10 – 11:50	<b>MR-guided Focused UltraSound : neurological application</b>	<b>JF. Aubry</b> Institut Langevin, Paris	Auditorium
11:50 – 12:30	<b>Applications of Quantitative Susceptibility Mapping (QSM) for iron related diseases : Example with Parkinson’s disease</b>	<b>M. Santin</b> ICM-CENIR, Paris	Auditorium
12:30 – 14:00	LUNCH BREAK – POSTER SESSION		
14:00 – 14:40	<b>Multimodal MR imaging of the spinal cord</b>	<b>V. Callot</b> CRMBM, Marseille	Auditorium
14:40 – 15:20	<b>When Photons meet Protons : Probe light inside the rat brain for single-vessel fMRI and its translational potential</b>	<b>X. Yu</b> Max Plank Institute, Tuebingen	Auditorium
15:20 – 16:00	<b>Susceptibility-weighted MRI in dementia</b>	<b>L. Van der Weerd</b> Leiden University Medical Center	Auditorium
16:00 – 16:20	<b>PET/MR 3T crystal clear images, Unprecedented accuracy</b>	<b>F. Delmas</b> Bruker BioSpin, Wissembourg	Auditorium
16:20 – 16:30	CONCLUSION		Auditorium
16:30 – 17:00	<b>Visit of the facilities: PRISMA – 11.7T systems</b>		Cenir

**Sponsored by :**



**Organized by A. Petiet, PhD and AC. Philippe, PhD**

