

# 1<sup>ST</sup> FEBRUARY 2019 - PARIS, FRANCE

PITIÉ-SALPÊTRIÈRE HOSPITAL - PARIS - INSTITUT DE MYOLOGIE



## 14<sup>th</sup> ANNUAL ARSEP MRI WORKSHOP

### BENEFIT AND PITFALLS OF UHF MRI IN MS PRESENT AND FUTURE

9.00 – 9.25 am: Welcome coffee

9.25 – 9.30 am: Introduction

#### 9.30 – 12.45 AM: MORNING SESSION 1

**9.30 – 10.00 Alexandre VIGNAUD** (Saclay, France): Challenges of UHF MRI in Humans. 7T, 11.75T and higher...

**10.00 – 10.30 Pascal SATI** (Bethesda, USA): Diagnosis of multiple sclerosis through the lens of ultra-high-field MRI

**10.30 – 11.00 Céline LOUAPRE** (Paris, France): Unraveling cortical pathology in multiple sclerosis using quantitative MRI at 7T

**11.00 – 11.30 Virginie CALLOT** (Marseille, France): UHF MRI of the spinal cord. Challenge and perspectives

11.30 – 11.45 Break

#### 11.45 – 12.45 SHORT ORAL COMMUNICATIONS

12.45 – 14.15 Lunch break and posters

#### 2.15 – 5.00 PM: SESSION 2

**2.15 – 2.45 Gabriel MANGEAT** (Montréal, Canada): Changes in structural network and cortical demyelination in early MS assessed by 7T MRI

**2.45 – 3.15: Olivier MOUGIN** (Nottingham, UK): Magnetization transfer phenomenon in the human brain at 7 T

**3.15 – 3.45: Wafaa ZAARAOUI** (Marseille, France): <sup>23</sup>Na MRI at 7T to study sodium homeostasis in Multiple Sclerosis

#### 3.45 – 4.45: SHORT ORAL COMMUNICATIONS

4.45 – 5.00: Conclusion