



# Réunion RMN Grand Bassin Parisien

<http://rmngbp.cnrs-orleans.fr>

Orléans 15 janvier 2013

Organisation locale : Franck Fayon  
Coordination : Christian Bonhomme

9h30	Café Accueil		
10h00	<b>Philippe LESOT</b>	ICMMO, Orsay	Experimental NMR Detection of Highly Dilute Spin Systems in Isotropic and anisotropic Media: the case of 2H-13C Isotopomers at Natural Abundance Level
10h20	<b>Monique CHAN HUOT</b>	LBM, Paris	"On-the-fly" Kinetics of Enzymatic Racemization using Deuterium NMR in DNA-based Chiral Oriented Media
10h40	<b>Mirna PETKOVIC DIDOVIC</b>	ICMPE, Thiais	Mise en évidence par RMN à l'état solide de la cocristallisation des unités 6T dans un copolymère 66/6T
11h00	Pause Café		
11h20	<b>Esperanza PAVON</b>	UCCS, Lille	New Insights into the Structure of a Swelling High Charge Mica by Solid-State NMR
11h40	<b>John HANNA</b>	Warwick University	A Solid State Multinuclear MAS and DOR NMR, and GIPAW DFT Investigation of the $\alpha$ -Tricalcium Phosphate and Si-Substituted $\alpha$ -Tricalcium Phosphate Systems.
12h00	<b>Elisa GAMBUZZI</b>	SIS2M, Saclay	Probing the silicon and aluminium chemical environments in silicate and aluminosilicate glasses by solid state NMR spectroscopy and accurate first-principles calculations
12h20	<b>Dominique MASSIOT</b>	CEMHTI, Orléans	Ordre géométrique et chimique : point de vue RMN
12h40	Repas		
14h00	<b>Elodie SALAGER</b>	CEMHTI, Orléans	Li <sub>12</sub> Si <sub>7</sub> - A model compound for the NMR study of lithium silicides in Li-ion batteries
14h20	<b>Laura MARTEL</b>	ITU, Karlsruhe	High Resolution solid-state NMR in actinide bearing compounds
14h40	<b>Monique BODY</b>	IMMM, Le Mans	NbF <sub>5</sub> and TaF <sub>5</sub> : Assignment of <sup>19</sup> F NMR resonances from first principle calculations
15h00	<b>Xingyu LU</b>	UCCS, Lille	Probing proximities between spin-1/2 and quadrupolar nuclei: choice of the dipolar recoupling method and semi-quantitative analysis in multiple-spin systems
15h20	Pause Café		
15h40	<b>Cédric LORTHIOIR</b>	ICMPE, Thiais	Mobilité moléculaire de polymères adsorbés sur des charges inorganiques: Approche par RMN du solide
16h00	<b>Nazim LECHEA</b>	LPEN, Paris	Résonance Magnétique Nucléaire à bas champ magnétique
16h20	<b>Thomas POUMEYROL</b>	CEMHTI, Orléans	Dynamical effects on <sup>33</sup> S NMR sensitivity enhancement : study of elemental sulfur
16h40	Conclusions – Visite des spectromètres		