

ICMPE, Thiais, 29 janvier 2016

Organisation locale : Cédric Lorthioir, Christine Gaillet, Pierre Pubellier

Coordination : Christian Bonhomme, Franck Fayon

8h45	Accueil - Café		Auditorium de l'ICMPE
9h15	Kay SAALWÄCHTER	Martin-Luther-Universität, Halle/Saale	<i>Invited talk</i> Polymer immobilization on nanoparticle surfaces and its role in elastomer reinforcement - insights from NMR
10h00	Michaël DESCHAMPS	CEMHTI, Orléans	Lithium-7 high magnetic field relaxometry: Detecting two lithium motion timescales in the nanosecond regime in lithium-polymer battery electrolytes
10h20	Patrick JUDEINSTEIN	LLB, Gif-sur-Yvette	Imagerie RMN 1D à bas champ
10h40	Lætitia LE FALHER	INNIT, Paris	Time course evolution of isolated bioactive compounds in water during a thermal treatment: Analysis by <i>in situ</i> quantitative ¹ H NMR (isq ¹ H NMR)
11h00	Pause Café		
11h20	Jean-Baptiste d'ESPINOSE	SIMM, Paris	Résonance ferromagnétique nucléaire du ⁵⁹ Co: Concepts et usages
11h40	Christophe ODIN	IPR, Rennes	Approximant et quasi-cristal Zn ₆ Sc: RMN du ⁶⁷ Zn et ⁴⁵ Sc
12h00	Frédérique POURPOINT	UCCS, Lille	Caractérisation de composés de type MOFs par RMN ⁴⁵ Sc
12h20	Lila BOUESSEL du BOURG	CTI, Rennes	Spectroscopie RMN et dynamique moléculaire pour rationaliser la structure de verres de chalcogénure
13h00	Déjeuner		
14h20	Ewen LESCOP	ICSN, Gif-sur-Yvette	Methyl relaxation as a probe of protein hydrodynamic properties
14h40	Anne-Laure ROLLET	PHENIX, Paris	NMR relaxivity of superparamagnetic nanoparticles: testing the models - et brève présentation de la future plateforme de relaxométrie RMN de l'UPMC
15h00	Jean-Nicolas DUMEZ	ICSN, Gif-sur-Yvette	Hyperpolarised ultrafast 2D NMR of complex mixtures
15h20	Lætitia ROUGER	CEISAM, Nantes	Ultrafast double-quantum NMR spectroscopy with optimized sensitivity: a new tool for the quantitative analysis of complex mixtures
15h40	Pause Café		
16h00	Guillaume LAURENT	LCMCP, Paris	Spectra denoising: using graphic cards ?
16h20	Samuel COUSIN	ENS, Paris	Two-field high-resolution NMR spectroscopy
16h40	Baudouin DILLMANN	UCCS, Lille	Local measure of the electromagnetic field in magnetic resonance coils: How do simulations help to disentangle the contributions of the electric and magnetic fields ?
17h00	Pierre PUBELLIER	ICMPE, Thiais	Thermal ageing of EPDM / ATH microcomposites: Topological changes monitored by ¹ H solid-state NMR
17h20	Franck FAYON, Christian BONHOMME	CEMHTI, Orléans / LCMCP, Paris	Conclusions