



Réunion RMN Grand Bassin Parisien

École Normale Supérieure, Paris, 20 mai 2019

Organisation locale : Fabien Ferrage, Éliane Moulinié

Coordination : Christian Bonhomme, Franck Fayon

9h00	Accueil - Café		
9h30	Beat Meier	ETH Zürich	<i>Invited talk</i> MAS: the faster the better?
10h10	Louise Pinet	ICSN, Gif-sur-Yvette	Structure and dynamics of the intrinsically disordered C-terminal tail of ErbB2, phosphorylation and interaction
10h30	Soha Abou ibrahim-Alami	LBM, Paris	Calculating NMR shieldings and indirect spin-spin couplings of heavy element species in solution with relativistic molecular ab initio approaches
10h50	Pause Café		
11h20	Ziyad Chaker	LSDRM, Saclay	MACHINE Learning Approach for the pREDiction of NMR parameters for oxide glasses (MACLAREN)
11h40	Paluch Piotr	UCCS, Lille	Indirect detection of ¹⁹⁵ Pt nuclei in solids
12h00	Rym Sassi	CEMHTI, Orléans	Suivi structural par RMN du ²⁷ Al et ²⁹ Si de l'hydratation d'un mélange ternaire de liants hydrauliques
12h20	Diego Carnevale	LBM, Paris	Shielding tensors in isolated water molecules: orientational inequivalence and T1 anisotropy
12h40	Déjeuner		
14h00	Thierry Azaïs	LCMCP – Paris	Apport de la RMN à la compréhension des phénomènes de biominéralisation
14h20	Nicholai Daugaard Jensen	ICGM, Montpellier	A Multinuclear study of mixed Ca,Na-(pyro)phosphate phase for biomedical applications
14h40	Marianna Porcino	CEMHTI, Orléans	Interfaces in drug loaded nanosized Metal-Organic Frameworks
15h00	Pause Café		
15h30	Jean-Paul Amoureux	UCCS, Lille	Speeding up by 30 the DNP detection of quadrupolar nuclei
15h50	Patrick Judeinstein	LLB, Gif sur Yvette	Measuring NMR and neutron scattering simultaneously: a new tool for transient physics
16h10	Geoffrey Bodenhausen	LBM, Paris	Screening hyperpolarized drugs containing deuterated methyl groups
16h30	Concluding remarks		