



Réunion RMN Grand Bassin Parisien

Institut des Sciences Chimiques de Rennes - École Nationale Supérieure de Chimie de Rennes, Rennes, 03 juin 2022

Organisation locale : Laurent Le Polles, Claire Roiland

Coordination : Christian Bonhomme, Franck Fayon

9h30	Accueil - Café		
10h00	Gwendal Kerven	CRM2, Nancy	<i>Invited talk</i> Paramagnetic NMR shift tensors in systems with localized electron spins. Theoretical and experimental considerations and applications.
10h40	Racha Bayzou	UCCS, Lille	Caractérisation par RMN des couches minces de LiPON utilisées comme électrolytes dans les micro-batteries
11h00	Jonathan Farjon	CEISAM, Nantes	Characterization of new psychoactive substances by integrating benchtop NMR to multi-technique databases
11h20	Tristan Georges	LCMCP, Paris	Characterization of solute calcium species through MAS-DNP of frozen solutions. Towards a better understanding of liquid to solid transitions
11h40	Ieva Goldberga	ICGM, Montpellier	Structural insights into calcium oxalates minerals: selective mechanochemical isotopic enrichment and $^{17}\text{O}/^{13}\text{C}$ high-resolution ssNMR analyses.
12h00- 14h00	Déjeuner		
14h00	Manjunatha Reddy	UCCS, Lille	NMR panorama of hybrid perovskites - from crystals and thin films to device stacks
14h20	Ridvan Ince	CRM2, Nancy	Utilisation de la RMN du solide pour déterminer la susceptibilité magnétique locale
14h40	Clément Praud	CEISAM, Nantes	Development of ultrafast 2D NMR pulse sequences for DNP-hyperpolarised metabolic mixtures
15h00	César Leroy	ICGM, Montpellier	When operando Raman mechanochemistry meets NMR crystallography: using heteronuclear ssNMR to probe mechanochemically formed Zn-terephthalate networks
15h20- 15h40	Pause Café		
15h40	Iévan Cornu	CEMHTI, Orléans	Structure and dynamics of glass forming Metal Organic Frameworks
16h00	Eniko Baligacs	LCMCP, Paris	Path-Sum as a novel computational method for spin dynamic simulations
16h20	Ritu Raj Mishra	CEISAM, Nantes	Quadratic spacing for effective gradient area for spatially encoded diffusion NMR
16h40	Concluding remarks		