9ème Réunion utilisateurs de l'IR-RMN
9th Users Meeting of the French High Field NMR Infrastructure
12 October 2017, Villeurbanne

Program:

9h00 **Welcome Address**: **9th users meeting of the IR-RMN-THC,** Anne Lesage & Jean-Pierre Simorre

9h15 **Denis Martinez** (IECB/CBMN, Bordeaux), Lipid internal dynamics in nanodiscs

9h45 **Serge Bouaziz** (LCRB, Paris Descartes) Structural study of the human protein UNG2 in interaction with HIV-1 Vpr protein
User of ICSN, Gif-sur-Yvette

10h05 **David Mallet** (GIN, Grenoble), Metabolic characterization of a new rodent model of the neuropsychiatric disorders associated with Parkinson's disease
User of IBS, Grenoble

10h25 Coffee Break

10h45 **Sami Jannin** (CRMN/ISA, Villeurbanne), Transporting and delivering hyperpolarized solutions

11h15 **Ludmilla Guduff** (ICSN, Gif-sur-Yvette), Single-scan 13C diffusion-ordered NMR spectroscopy of DNP-hyperpolarised substrates
User of LBM, Paris

11h35 **Damien Lemarchand** (LHyGeS, Strasbourg), What can we expect from NMR on trace elements in minerals: example of boron?
User of CEMHTI, Orléans

11h55 **Aurélien Thureau** (Synchrotron SOLEIL, Gyf-sur-Yvette), Recent improvements in the BioSaxs setup at synchrotron SOLEIL.

12h30 Lunch

14h00 **Round Table** animated by the IR-RMN Users Committee (Christian Bonhomme, Charlotte Martineau, Nicolas Wolff)

14h45 **François Bontems** (ICSN, Gif-sur-Yvette), NMR, Flaviviruses, S2 and HEK cells

15h15 **Christophe Odin** (IPR, Rennes), Tsai-type Quasicrystal ZnScAg and its 1/1 approximant Zn_6Sc : ^{45}Sc and ^{67}Zn NMR study
User of UCCS, Lille

15h35 **Daniel Lee** (CEA, Grenoble), Overcoming obstacles to highest field magic angle spinning dynamic nuclear polarization
User of CRMN, Lyon

15h55 **Julien Gronnier** (Villenave d'Ornon, INRA), Structural basis for plant plasma membrane protein dynamics and organization into functional nanodomains
User of Bordeaux

16h15 **Aydar Rakhmatullin** (CEMHTI, Orléans), Development and application of high temperature NMR at high magnetic field

16h45 End of the User's Meeting