

G-RISC Workshop
“NMR as interdisciplinary tool for the study of non-covalent interactions”

St. Petersburg State University, Department of Chemistry, Center of Magnetic Resonance,
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Part 1 19.05.2014-22.05.2014

Workshop Session 1 Mon 19.05.2014 14 h-17 h, Room 1093

Hans Limbach, introductory lecture

Andrey Gurinov, “NMR Study of Lewis and Brønsted acidic centers of aluminated SBA-15 silicas”

Ruslan Asfin, “Advantages of IR spectroscopy in study of weak complexes in the gas phase”

Workshop Session 2 Wed 21.05.2014 14 h-18 h, Room 1093

Peter Tolstoy, “Low-temperature NMR and combined UVNMR spectroscopy”

Svetlana Pylaeva, “The influence of solvent fluctuations on proton transfer in complexes with strong hydrogen bonds studied by molecular dynamics”

Mariya Sandzhieva, “Cyclic trifluorometilated bromonium cation: formation, reactions and NMR study”

Elena Tupikina, “Hydrogen bonds formed by CH-acids: structure and NMR properties of 1,1-dinitroethane complexes with proton acceptors”

Informal Discussions Tue 20.05.2014 and Thu 22.05.2014

Part 2 16.06.2014-19.06.2014

Workshop Session 3 Mon 16.06.2014 14 h-17 h, Room 1093

Konstantin Luzyanin, “Combining NMR and MS tools for study of nanoclusters in solution”

Regina Islamova, title TBA

Roman Yakovenko, “NMR study of protonation of carbonyl compounds (fluorinated enones and furanes) in Bronsted superacids”

Workshop Session 4 Wed 18.06.2014 14 h-16 h, Room 1093

Dmitry Bolotin, title TBA

Hans Limbach, closing lecture

Informal Discussions Tue 17.06.2014 and Thu 19.06.2014