EUROPEAN COOPERATION IN SCIENCE AND TECHNOLOGY
EURELAX
CA15209
COST is supported by the EU Framework Programme Horizon 2020
European Network on NMR Relaxometry
http://www.cost.eu/COST_Actions/ca/CA15209

Resent theory/simulation developments and challenges in Relaxometry

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NMR relaxation modeling of Ionic liquids[1,2] will be considered. In particular how Laplace NMR relaxation studies can complement NMRD. The information that may be extracted from relaxation data on molecular-aggregation and the relaxation contribution from inter versus intra molecular interactions will be discussed.

1. G. Driver, Y. Wang, T. Sparrman, A. Laaksonen, Y. Huang and P.-O. Westlund, *Phys. Chem. Chem. Phys.*, 2016. (accepted)
2. D. Kruk, R. Meier and E. A. Rössler, *J. Phys. Chem. B*, 2011, **115**, 951–957.