

Program of the COST WG3 Meeting
Bad Hofgastein, Austria, 26-27 April 2013

The meeting will be held right after Spin Chemistry Meeting at the same venue. We are planning to have three Sessions, each containing oral talks and a discussion. Sessions will be dedicated to methodologies of Long-Lived Spin states (LLS) and Polarization Transfer (PT) in hyperpolarization experiments

Program of the meeting

Day 1, April 26	09:00-13:00	<p>Opening remarks</p> <p>LLS Section</p> <p>talk 1, G. Pileio (Southampton): Resealable Reservoirs of Nuclear Spin Polarization</p> <p>talk 2, A. Bornet (Lausanne): Long-Lived States and other Tricks to Preserve Hyperpolarized Magnetization in Dissolution DNP</p> <p>talk 3, B. Franzoni (Mainz): Long Lived Singlet Spin States Originating from Para-Hydrogen Stored at Different Magnetic Fields</p> <p>talk 4, A. Pravdivtsev (Novosibirsk): Magnetic Field Dependence of the Lifetimes of Long-Lived States</p> <p>General discussion on LLS</p>
	13:00-15:00	Lunch
	15:00-19:00	<p>PT Section#1</p> <p>talk 1, T. Trantzschel (Magdeburg): Transfer of PHIP to hetero-nuclei - aspects of long relaxation times and MRI applications</p> <p>talk 2, M. Emonds (Aachen): Hyperpolarization Enhanced Low-Field NMR</p> <p>talk 3, R. Mewis (York): Polarization Transfer in SABRE Experiments</p> <p>talk 4, E. Dücker (Göttingen): Field Dependence of SABRE</p> <p>General discussion on PT</p>
Day 2, April 27	09:00-13:00	<p>PT Section#2</p> <p>talk 1, T. Gutmann (Darmstadt): Para-Hydrogen as Molecular Probe for Sensitivity Enhancement in NMR</p> <p>talk 2, K. Ivanov (Novosibirsk): Exploiting Level Anti-Crossings for Coherent Hyperpolarization Transfer</p> <p>Discussion on design of new experiments and theoretical development for extending longevity of hyperpolarization</p>
	13:00-15:00	Lunch
	15:00-19:00	Departure