

Monday, April 22

8h00 – 8h50	Reception	
9h00 – 9h05	Opening remarks by G. Grampp and the Major of Bad Hofgastein	
9h05 – 9h50	PL1 R. Naaman , Rehovot, IL « Spin and Chirality from Spintronics to Biology »	Chair : Hore
9h50 – 10h15	IT1 J.R. Woodward , Tokyo, JP « Towards Spatially Resolved MFE Measurements in Biological Systems »	
10h15 – 10h45	Conference photo & Coffee break	
10h45 – 11h15	IT2 E. Schleicher , Freiburg, DE « Radicals and Radical Pair in Blue Light Photoreceptors »	Chair : Hore
11h15 – 11h45	IT3 K. Maeda , Oxford, UK « Reaction Kinetics and Magnetoreception in Cryptochromes and Photolyase »	
11h45 – 12h10	IT4 J.B. Phillips , Blacksburg, US « Behavioral and Neural Mechanisms Mediating Light-Dependent Magnetoreception »	
12h10 – 12h35	CT1 R. Carmieli , Evanston, US « DNA Spin Switches Based on Controlling Charge Transport »	
15h00 – 15h30	IT5 S.R. Mackenzie , Oxford, UK « Advances in the Optical Detection of Magnetic Field Effects in Biological Systems »	Chair : Naaman
15h30 – 16h00	IT6 A.R. Jones , Manchester, UK « Are Cryptochromes Magnetic-Sensors in Animals or Simply Necessary for Magnetoreception ? »	
16h00 – 16h30	IT7 C.R. Timmel , Oxford, UK « From Radiofrequency to Microwave Fields : Exploring the Recombination Kinetics of a Photo-Induced Radical Pair »	
16h30 – 17h00	Coffee break	
17h00 – 17h30	IT8 G. Fedele , Leicester, UK « Magnetoreception in Drosophila Melanogaster »	Chair : Naaman
17h30 – 17h55	CT2 T. Biskup , Freiburg, DE « Photoinduced Radical Pairs in Cryptochromes : Possible Candidates for the Magnetic Compass of Migratory Birds »	
17h55 – 18h25	IT9 J. Cai , Ulm, DE « Quantum Coherence and Quantum Control in Radical Pair Mechanism of Magnetoreception »	
18h25 – 18h55	IT10 J. Matysik , Leipzig, DE « Photo-CIDNP MAS NMR : New Developments »	
18h55 – 20h00	Dinner : warm and cold buffet	
20h – open end	Poster session (odd numbers present)	

Tuesday, April 23

9h00 – 9h45	PL2 M.H. Levitt , Southampton, UK « Dynamics of Nuclear Singlets and Triplets »	Chair : Wasielewski
9h45 – 10h15	IT11 N.N. Lukzen , Novosibirsk, RU « Magnetic Field Effect on Two-Dimensional Diffusion-Controlled Radical Recombination »	
10h15 – 10h45	Coffee break	
10h45 – 11h10	CT3 U.E. Steiner , Konstanz, DE « Electron Spin Relaxation of NO Radical in Liquid Solution »	Chair : Wasielewski
11h10 – 11h35	CT4 V.I. Borovkov , Novosibirsk, RU « Spin Effects in the Reaction of Electron Transfer to Nitroxide Radicals »	
11h35 – 12h00	CT5 E. Khramtsova , Novosibirsk, RU « Intramolecular Electron Transfer in Chiral Linked Systems »	
12h00 – 12h25	CT6 T. Miura , Niigata, JP « Supramolecular Control of Spin-Dependent Electron Transfer Dynamics in Micellar Supercages as Studied by Magnetic Field Effects »	
15h00 – 15h30	IT12 I.A. Solov'yov , Urbana, US « Theoretical Insights into Chemical Magnetoreception : Past, Present, and Future »	Chair : Levitt
15h30 – 16h00	IT13 K. Ivanov , Novosibirsk, RU « Theory of Pulsed Reaction Yield Detected Magnetic Resonance »	
16h00 – 16h30	CT7 A.I. Shushin , Moscow, RU « Manifestation of Interparticle Interaction in Magnetic Field Effects on Diffusion-Assisted Spin Selective Reactions »	
16h30 – 17h00	Coffee break	
17h00 – 17h30	IT14 H. Murai , Shizuoka, JP « Photo- and Spin Chemical Study on Inclusion Compounds »	Chair : Levitt
17h30 – 18h00	IT15 S.A. Vinogradov , Philadelphia, US « Magnetic Modulation of Room Temperature Phosphorescence »	
18h00 – 18h30	IT16 M.D.E. Forbes , Chapel Hill, US « Photodynamic Therapy, Toils and Troubles : Problems Solved With Tiny Bubbles »	
18h30 – 19h00	Memorial Lecture for Seigo Yamauchi (1947-2012) and Nicolas Turro (1938-2012) by T. Takui and M.R. Wasielewski	
19h00 – 20h00	Dinner : warm and cold buffet	
20h – open end	Poster session (even numbers present)	

Wednesday, April 24

9h00 – 9h45	PL3 M.R. Wasielewski , Evanston, US « Spin Coherence Transfer by Optical Excitation of Spin-Correlated Radical Pairs »	Chair : Takui
9h45 – 10h15	IT17 A. Van der Est , St. Catharines, CA « Sequential Spin-Correlated Radical Pairs in Axial Donor-Porphyrin-Acceptor Triads »	
10h15 – 10h45	Coffee break	
10h45 – 11h10	CT8 A. Yurkovskaya , Novosibirsk, RU « Time-Resolved and Field Dependent CIDNP Study of Radical Reactions of Peptides with Sulfur Containing Amino Acids »	Chair : Takui
11h10 – 11h35	CT9 H.-M. Vieth , Berlin, DE « Interpretation of the CIDNP Field Dependence : The Importance of Polarization Transfer in Diamagnetic Reactions Products »	
11h35 – 12h20	PL4 E. Ehrenfreund , Haifa, IL « Bipolar Organic Spin Valves ; Magneto-spectroscopy ; Magnetic Field Effects in Fullerenes »	
12h45 – 23h00	Excursion to Salzburg (packed lunch will be served)	

Thursday, April 25

9h00 – 9h45	PL5 T. Takui , Osaka, JP « Can Open Shell Chemistry Contribute to Electron Spin Science/Spin Technology of Quantum Computing and Quantum Information Processing ? »	Chair : Ivanov
9h45 – 10h15	IT18 S. Cavagnero , Madison, US « Sensitivity Enhancement in Biomolecular NMR by Laser-Driven Approaches »	
10h15 – 10h45	Coffee break	
10h45 – 11h15	IT19 Y. Kobori , Shizuoka, JP « Initial Molecular Photocurrent : Nanostructure and Motion of Weakly Bound Charge-Separated State in Organic Photovoltaic Interface »	Chair : Ivanov
11h15 – 11h45	IT20 J. Behrends , Berlin, DE « Charge Separation in Organic Solar Cells Probed by Transient EPR »	
11h45 – 12h10	CT10 G. Kothe , Freiburg, DE « Light-Induced Generation and Coherent Manipulation of Entangled Quantum States in Molecular Crystals »	
12h10 – 12h35	CT11 I.V. Koptug , Novosibirsk, RU « Exploring PHIP in Heterogeneous Catalytic Hydrogenations »	
15h00 – 15h45	PL6 J.M.D. Coey , Dublin, IE « Some New Magnetic Field Effects in Solution Chemistry »	Chair : Weber
15h45 – 16h15	IT21 M.E. Flatté , Iowa City, US « Organic Magneto-Resistance in the Presence of Strong Magnetic Field Gradients »	
16h15 – 16h45	Coffee break	
16h45 – 17h10	CT12 M. Tiersch , Innsbruck, AT « Entanglement-based Magnetometry and Enhancing Sensitivity of Chemical Magnetometers with Optical Control »	Chair : Weber
17h10 – 17h40	IT22 P.A. Bobbert , Eindhoven, NL « Realization of Huge Magnetic Field Effects in Organic Devices »	
17h40 – 18h05	CT13 R. Das , Mumbai, IN « TREPR Spectra of TEMPO Radical Covalently Linked to Naphthalene : Quenching of Excited Singlet and Triplet States, and Appearance of Splitting »	
18h05 – 18h35	IT23 S. Basu , Kolkata, IN « Magnetic Field Effect to Identify Distance-Dependent Phenomenon : Photoinduced Electron Transfer between DNA and Metal Complexes »	
18h35 – 19h00	Closing ceremony by Stefan Weber Announcement of SCM2015	
19h – open end	Dinner : warm and cold buffet & Poster session	