



Molecular Rotor Workshop

PRAGUE, CZECH REPUBLIC
MARCH 30 – 31, 2017

ORGANIZERS: JOSEF MICHL (josef.michl@colorado.edu)
JIŘÍ KALETA (jiri.kaleta@uochb.cas.cz)

Thursday 03/30/17

Chairman: Josef MICHL

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| 9:00 - 9:15 | <i>Conference Opening</i> | |
| 9:15 - 10:15 | Miguel GARCIA-GARIBAY | Amphidynamic Materials as Molecular Machines |
| 10:15 - 11:15 | Denis GINDRE | Nonlinear Optical Microscopy of Crystalline Arrays of Molecular Rotors |
| 11:15 - 11:30 | <i>Coffee Break</i> | |
| 11:30 - 12:30 | Balint NAFRADI Péter SZIRMAI | What do We Need for a Good Spin Liquid? |
| 12:30 - 13:30 | <i>Lunch Break</i> | |
| 13:30 - 14:30 | Pawel WZIETEK | NMR Relaxation by Dipolar Coupling and Correlated Motion |
| 14:30 - 15:30 | Piero SOZZANI | Molecular Rotors in Porous Materials and Control of Their Dynamics by Guest Molecules |
| 15:30 - 16:00 | <i>Coffee Break</i> | |
| 16:00 - 17:00 | Jörn MANZ | A Universal Mechanism of the Planar Boron Rotors B_{11}^- , B_{13}^+ , B_{15}^+ , and B_{19}^- : Inner Wheels Rotating in Pseudo-Rotating Outer Bearings |

Friday 03/31/17

Chairman: Jiří KALETA

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| 9:00 - 10:00 | Ben FERINGA | In Control of Rotary and Translational Motion |
| 10:00 - 11:00 | Arnaud MARTEL | Toward the Synthesis of a Synthetic Molecular Ratchet |
| 11:00 - 11:15 | <i>Coffee Break</i> | |
| 11:15 - 12:15 | Rainer HERGES | Molecular Rotors on Surfaces |
| 12:15 - 13:30 | <i>Lunch Break</i> | |
| 13:30 - 14:30 | Jiří KALETA | Regular Arrays of Dipolar Molecular Rotors: Inclusions in TPP |
| 14:30 - 15:30 | Charles T. ROGERS | Progress in Making Ferroelectrics from Systems of Dipole Rotor Molecules |
| 15:30 - 15:45 | <i>Coffee Break</i> | |
| 15:45 - 16:45 | Josef MICHL | Regular Arrays of Dipolar Molecular Rotors: Langmuir-Blodgett Films |
| 16:45 - 17:00 | <i>Closing Remarks</i> | |



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