

Tuesday 26. 8. 2014

- 9:00 – 9:45 **HS 3A** Plenary Talk P2: Anouk Rijs *The use of intense FIR radiation for molecular structure and dynamics experiments*
- 9:45 – 10:30 **HS 3A** Plenary Talk P3: Sonia Melandri *Conformations and Dynamics of flexible molecules, biomolecules and molecular complexes by rotational spectroscopy*
- 10:30 – 11:00 Coffee Break
- 11:00 – 11:30 **HS 3A** Invited Talk I5: Harold Linnartz *Molecular astro-spectroscopy; bridging gas phase and solid state processes in space*
- 11:30 – 12:00 **HS 3A** Invited Talk I6: Con Mallidis *Raman Microspectroscopy in Medicine. Can it Solve the Sperm Condrum*
- 12:00 – 12:30 **HS 3A** Invited Talk I7: Matteo Tommasini *Digging Molecules out of Vibrational Spectra with DFT and Statistical Analysis*
- 12:30 – 13:00 **HS 3A** Invited Talk I8: Melanie Schnell *Enantiomer Identification of Chiral Molecules using Broadband Microwave Spectroscopy*
- 13:00 – 14:30 Lunch
- 14:50 – 16:30** **HS 3A Session 9 Spectroscopy of Isolated Molecules III**
- 14:50 – 15:10 J.-U. Grabow, Z. Glassman, R. J Mawhorter, A. Le, and T. C. Steimle *The microwave spectrum of the odd isotope of ytterbium fluoride, <sup>171</sup>YbF*
- 15:10 – 15:30 K. P. Rajappan Nair, Michaela K. Jahn, David Dewald, Alberto Lesarri, Vadim V. Ilyushin, Jens-Uwe Grabow *Internal Rotation in Molecules From Microwave Spectroscopy*
- 15:30 – 15:50 T. Betz, S. Zinn, M. Schnell *Ibuprofen: Conformers and Thermal Decomposition Products*
- 15:50 – 16:10 Josefin Wilke<sup>a</sup>, Martin Wilke<sup>a</sup>, Michael Schmitt<sup>a</sup> and Leo Meerts *Electronic Stark Measurements With Rotationally Resolved Laser Induced Fluorescence Spectroscopy*
- 16:10 – 16:30 Alcides Simão, Isabel Peña, Carlos Cabezas, and José Luis Alonso *L-Pipecolic Acid - the Conformational Behaviour of a Neuroactive Cyclic Aminoacid*
- 14:50 – 16:30** **HS 3B Session 10 New Materials II**
- 14:50 – 15:10 Éva G. Bajnóczy, Szabolcs Bálint, Ottó Berkesi, Tamás Körtvélyesi, György Dombi, Péter Forgó, Zoltán Kele, Ingmar Persson, Gábor Peintler, István Pálinkó, Pál Sipos *Comparison of the Structure of Sn(II) And Pb(II)-Hydroxido Complexes Forming in Hyperalkaline Aqueous Solutions*
- 15:10 – 15:30 M. Sipiczki, I. Hannus, Zs. Ferencz, O. Berkesi, P. Sipos, and I. Pálinkó *Structural Features of intercalated CaFe-layered double hydroxides Studies by X-Ray Diffractometry, Infrared Spectroscopy and Computations*

## Overview

15:30 – 15:50	<u>Sandra Dorotíková</u> , Júlia Kožíšková, Peter Herich, Marek Fronc, Lukáš Bučinský, Dana Dvoranová <i>Copper(II) Complexes With Quinolone: Structure and Spectroscopic Characterization</i>
15:50 – 16:10	M. Sipiczki, T. Anitics, V. Bugris, E. Kuzmann, Z. Homonnay, P. Sipos and <u>I. Pálinkó</u> <i>Thermal Decomposition and Reconstruction of CaFe-Layered Double Hydroxide Studied by X-Ray Diffractometry and Mössbauer Spectroscopy</i>
16:10 – 16:30	<u>H. Yurtseven</u> <sup>a</sup> , M. Kurt <i>Analysis of the Frequency and Bandwidth as a Function of Temperature for the Phase Transitions in LiKSO<sub>4</sub></i>
<b>14:50 – 16:30</b>	<b><i>HS 3C Session 11 Dynamics and Time Resolved Spectroscopy I</i></b>
14:50 – 15:10	B.M. Pilles, D.B. Bucher, Lizhe Liu, P. Clivio, W. Zinth, W.J. Schreier, <u>P. Gilch</u> <i>The Decay of Triplet Excitations in All-Thymine DNA Strands</i>
15:10 – 15:30	<u>S. Fröbel</u> , L. Buschhaus, T. Villnow, O. Weingart and P. Gilch <i>The Mechanism of Phthalide Formation: Femto- to Microsecond Kinetics of a Complex Photoreaction</i>
15:30 – 15:50	<u>P. Praus</u> , E. Kočíšová, P. Mojzeš, J. Štěpánek, F. Sureau <i>Intracellular Monitoring of Uptaken Aptamer by Time-Resolved Microspectrofluorometry</i>
15:50 – 16:10	<u>Jiří Pflieger</u> , David Rais, Pavla Bláhová, Jiří Vohlídal, Jan Svoboda <i>Time-Resolved Transient Optical Absorption of Dynamers of Bis(tpy)Oligothiophenes with Zn<sup>2+</sup> Ion-Couplers</i>
16:10 . 16:30	Lucille Mendonça, Andreas Steinbacher, Raphaël Bouganne, and <u>François Hache</u> <i>Comparative Study of the Folding/Unfolding Dynamics of Poly(Glutamic Acid) in Light and Heavy Water</i>
16:30 – 17:00	Coffee Break
17:00 – 20:00	Poster Session I