

18-20 September, 2016, Park Hotel Moskva, Sofia, Bulgaria,

## PRELIMINARY PROGRAMME (15.09.2016)

### SUNDAY, SEPTEMBER 18, 2016

- 14:00**      **Registration**
- 18:00**      **50 years NMR spectroscopy in Bulgaria**
- 20:00**      **Welcome mixer**

### MONDAY, SEPTEMBER 19, 2016

## *18<sup>th</sup> Central and Eastern European NMR Symposium*

**Morning session - chair: Yavor Mitrev**

- 9:30**      **Opening**
- 9:45**      **Wiktor Koźmiński (Poland)**  
*High-resolution multidimensional NMR spectroscopy of biomolecules*
- 10:15**      **Damien Jeannerat (Switzerland)**  
*Top-resolution in 2D spectra of small molecules combining homonuclear decoupling, spectral aliasing and 2D-lineshape deconvolution*
- 10:45**      **Marc-André Delsuc (France)**  
*NMR Data Analysis strategies in the Big-Data era, examples in screening studies, DOSY analysis, and other spectroscopies*
- 11:15**      **Coffee break**
- 11:45**      **Máté Erdélyi (Sweden)**  
*ParLig: Paramagnetic Ligand Tagging To Identify Protein Binding Sites*
- 12:15**      **Gyula Batta (Hungary)**  
*NMR "Invisible" Conformations of Antifungal Disulfide Proteins from Equilibrium Unfolding*

**12:45**      **Galya Ivanova (Portugal)**

*Application of NMR Metabolomics in cancer therapy and regenerative medicine*

**13:15**      *Lunch*

**Afternoon session - chair: Miroslav Dangalov**

**14:30**      **Pavleta Tzvetkova (Germany)**

*Structural analysis of rigid towards flexible organic molecules using time averaged molecular dynamics with orientational constraints*

**15:00**      **Gregor Mali (Slovenia)**

*Looking into Metal–Organic Framework Materials with Solid-State NMR Spectroscopy*

**15:30**      **Torsten Gutmann (Germany)**

*Surface Enhanced Dynamic Nuclear Polarization for Structure Determination of Functional Materials*

**16:00**      **Hans-Jörg Schneider (Germany)**

*My 50 Years with NMR Spectroscopy*

**16:15**      *Coffee break*

**16:45**      **Poster session**

**19:00**      *Bruker hospitality suite - "Moskva" Restaurant*

**TUESDAY, SEPTEMBER 20, 2016**

## **18<sup>th</sup> Central and Eastern European Bruker Users' Meeting**

**09:30**      **Ruediger Weisemann**

*Welcome/ Corporate news*

**09:45**      **Ruediger Weisemann**

*Probe news*

**10:00**      **Fabrice Moriaud**

*Solutions for routine analytics: SmartDriveNMR, CMC-assist and Fusion-SV*

**10:30**      *Coffee break*

<b>11:00</b>	<b>Daniel Mathieu</b> <i>Broadband Homonuclear Decoupling</i>
<b>11:30</b>	<b>Stefan Steuernagel</b> <i>Solid State NMR news</i>
<b>12:00</b>	<b>Venita Decker</b> <i>TopSolids – Where Expertise meets Convenience</i>
<b>12:30</b>	<b>All</b> Q&A
<b>12:45</b>	<i>Lunch</i>
<b>14:00</b>	<b>Daniel Mathieu</b> <i>BioNMR made easy</i>
<b>14:30</b>	<b>Wiktor Koźmiński</b> <i>New NMR experiments for intrinsically disordered proteins</i>
<b>15:00</b>	<i>Coffee break</i>
<b>15:30</b>	<b>Fabrice Moriaud</b> <i>Simplifying special NMR tasks: fragment based screening and potency determination of APIs</i>
<b>16:00</b>	<b>Pavleta Shestakova</b> <i>Solid state NMR characterization of zeolite beta based drug formulations</i>
<b>16:30</b>	<b>Free discussion</b>
<b>17:00</b>	<b>Closing remarks and best poster awards for young scientists</b>
<b>17:30</b>	<i>Visit to the Bulgarian NMR Centre</i>