



16. October 2014  
Ruđer Bošković Institute, Zagreb



## PROGRAM

### The 16<sup>th</sup> Central European NMR Symposium

8.30 – 9.00	<b>Registration</b>	
	<b>Opening of the Symposium</b>	
9.00 – 9.15	<i>Director General of the Ruđer Bošković Institute</i>	<b>Tome Antičić</b> R. Bošković Inst., Croatia
9.15 – 9.30	<i>NMR Spectroscopy in Croatia</i>	<b>Dražen Vikić-Topić</b> R. Bošković Inst., Croatia
	<b>Session 1: NMR in Food Science</b>	Chair: <i>N. Müller, Linz</i>
9.30 – 10.15	<i>NMR based metabolomics in disease diagnosis, plant, and food analysis</i>	<b>Emmanuel Mikros</b> Univ. Athens, Greece
10.15 – 11.00	<i>NMR and olive oils: geographical origin, quality and authenticity</i>	<b>Luisa Mannina</b> Sapienza Univ., Italy
11.00 – 11.30	<b>Coffee break</b>	
	<b>Session 2: Biomolecular NMR</b>	Chair: <i>P. Novak, Zagreb</i>
11.30 – 12.15	<i>NMR studies on extrinsic proteins of photosystem II</i>	<b>Norbert Müller</b> J. Kepler Univ., Austria
12.15 – 13.00	<i>Simplifying proton NMR spectra by slice-selective excitation</i>	<b>Klaus Zangger</b> Univ. Graz, Austria
13.00 – 14.30	<b>Lunch</b>	
	<b>Session 3: NMR of Molecular Complexes</b>	Chair: <i>V. Smrečki, Zagreb</i>
14.30 – 15.00	<i>NMR Strategies for Macrolide Antibiotics Interactions</i>	<b>Predrag Novak</b> Univ. Zagreb, Croatia
15.00 – 15.30	<i>ssNMR Study of Deuterated Paramagnetic Bis(amino acid)copper(II) Complexes. Information on Crystal Forms, Stereo-isomerism, and Molecular Mobility Available from 2H Fast-MAS Spectra</i>	<b>Gábor Szalontai</b> Univ. Pannonia, Hungary
15.30 – 17.00	<b>Poster Session &amp; Refreshments</b>	
	<b>Session 4: Biomolecular NMR (cont.)</b>	Chair: <i>D. Vikić-Topić, Zagreb</i>
17.00 – 17.30	<i>DNA G-quadruplexes: Intermediates and cation interactions</i>	<b>Primož Šket</b> Nat. Inst. Chem., Slovenia
17.30 – 18.00	<i>Structural insights into the folding intermediates of Trp-cage miniproteins</i>	<b>András Perczel</b> Eötvös Loránd Univ., Hungary
18.00	<b>Closing of the Symposium</b>	
20.00	<b>Bruker Symposium Dinner</b>	