



**CAPACITIES**  
BeyondEverest  
Project

Faculty of Chemistry and Pharmacy  
University of Sofia



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## ***Training Course***

### ***"NMR spectroscopy – principles and applications"***

***16 March 2015, Sofia***

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#### ***Program***

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10:00	<i>Opening</i>
	<b>Tony Spassov, Stefan Spassov</b>
	<i>Protein-ligand binding studied by NMR Spectroscopy</i>
10:20	<b>Tim Claridge</b> , <i>Professor of Magnetic Resonance &amp; Director of NMR Spectroscopy Organic Chemistry &amp; Chemical Biology Department of Chemistry University of Oxford</i>
	<i>New concepts to design modern NMR methods and applications</i>
11:10	<b>Teodor Parella</b> , <i>Director del SeRMN (Servei de Ressonància Magnètica Nuclear), Universitat Autònoma de Barcelona</i>
12:00	<i>Lunch Break</i>
	<i>NMR study of biocompatible nanoparticles for cancer therapy</i>
14:00	<b>Galya Ivanova</b> , <i>REQUIMTE, Department of Chemistry and Biochemistry, University of Porto, Portugal</i>
	<i>Carbohydrates - NMR applications</i>
14:50	<b>Svetlana Simova</b> , <i>Institute of Organic Chemistry with Center of Phytochemistry, Bulgarian Academy of Science</i>
15:40	<i>Coffee Break</i>
	<i>Intelligent NMR towards Structure Elucidation and Verification in Design of New Drugs and Materials</i>
16:30	<b>Nikolay Vassilev</b> , <i>Institute of Organic Chemistry with Center of Phytochemistry, Bulgarian Academy of Science</i>
	<i>Diffusion NMR spectroscopy – application in polyoxometalate chemistry</i>
17:20	<b>Pavletta Shestakova</b> , <i>Institute of Organic Chemistry with Center of Phytochemistry, Bulgarian Academy of Science</i>
18:10	<i>Closing</i>
19:00	<i>Dinner</i>

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