

Merging Coordination and Biological Chemistry

invitation-only workshop

Belgrade, September 15-16th 2023
University of Belgrade - Faculty of Chemistry

Session 1: Biological chemistry

Session 2: Coordination chemistry

Session 3: What is needed for the bridging?

Session 4: Reflections on coordination

Session 5: Outlook and perspectives



The Workshop is partially supported by the Science Fund of the Republic of Serbia (the Project #7750288, Tailoring Molecular Magnets and Catalysts Based on Transition Metal Complexes - TMMagCat), University of Belgrade - Faculty of Chemistry, Innovative Centre, Faculty of Chemistry, Belgrade, ltd. and University of Belgrade - Institute of Chemistry, Technology and Metallurgy.

Workshop on merging coordination and biological chemistry

Belgrade, Sep. 15-16, 2023

The workshop will consist of five sessions, which will start with two session leaders that have 5 minutes and 3 slides maximum to get the discussion going. Three lectures will be given on specialized topics. All the sessions will be held at University of Belgrade - Faculty of Chemistry.

The workshop is by invitation only, and should lead to a scientific report for future developments, joint projects and/or networking activities (COST Action, ITN network, trans-national projects).

<i>Day</i>	<i>Activity</i>	<i>Place</i>
<i>Thu. Sep. 14</i>	Arrival	Belgrade
19.00h	Informal get-to-gether dinner	Restaurant Prolece
<i>Fri. Sep. 15</i>		
09.00-09.30	Opening lecture: Synergy between experiment and theory Maja Gruden	Faculty of Chemistry, room - meeting room
09.30-11.00h	Session 1: Biological chemistry Ricardo Louro, Qiang Cui	Faculty of Chemistry, room - meeting room
11.00-11.30h	Coffee break	Faculty of Chemistry
11.30-13.00h	Session 2: Coordination chemistry Carole Duboc, Markus Reiher	Faculty of Chemistry, room - meeting room
13.00-15.00h	Lunch break	Restaurant Teatroteka
15.00-16.30h	Session 3: What is needed for the bridging? Wesley Browne, Paola Belanzoni	Faculty of Chemistry, room - meeting room
16.30-17.00h	Lecture 1: Design of new catalysis Marcel Swart	Faculty of Chemistry, room - meeting room
19.00h	Reception	Restaurant
<i>Sat. Sep. 16</i>		
10.00-10.30h	Lecture 2: Analytical approach to the ratchet effect in quantum chemistry and quantum physics Henryk Witek	Faculty of Chemistry, room - meeting room
10.30-13.00h	Session 4: Reflections on coordination Franc Meyer, Peter Weinberger	Faculty of Chemistry, room - meeting room
13.00-15.00h	Lunch break	Restaurant Teatroteka

15.00-18.00h	Session 5: Outlook and perspectives Tatjana Parac-Vogt, Marcel Swart	Faculty of Chemistry, room - meeting room
20.00h	Workshop dinner	Restaurant Reka, Zemun
<i>Sun. Sep. 17</i>	Departure	Back home

Participants:

Qiang Cui, Boston University, Boston, MA, USA
Darrin York, Rutgers, the State University of New Jersey, New Brunswick, NJ, USA
Ricardo Louro, Universidade NOVA de Lisboa, Lisboa, Portugal
Paola Belanzoni, University of Perugia, Perugia, Italy
Wesley Browne, University of Groningen, Groningen, The Netherlands
Johannes Klein, University of Groningen, Groningen, The Netherlands
Franc Meyer, Georg-August-Universität Göttingen, Göttingen, Germany
Kallol Ray, Humboldt-Universität zu Berlin, Berlin, Germany
Markus Reiher, ETH Zurich, Zurich, Switzerland
Peter Weinberger, Technische Universität Wien, Vienna, Austria
Henryk Witek, National Yang Ming Chiao Tung University, Hsinchu, Taiwan
Leticia Gonzalez, University of Vienna, Vienna, Austria
Maja Gruden, University of Belgrade - Faculty of Chemistry, Belgrade, Serbia
Karla Ilić-Đurđić, University of Belgrade - Faculty of Chemistry, Belgrade, Serbia
Milica Savić, University of Belgrade - Institute of Chemistry, Technology and Metallurgy, Belgrade, Serbia
Mima Jevtović, Innovative Centre, Faculty of Chemistry, Belgrade, ltd.
Carole Duboc, Département de Chimie Moléculaire, Univ. Grenoble Alpes, Grenoble, France
Tatjana Parac-Vogt, Department of Chemistry, KU Leuven, Leuven, Belgium
Miloš Milčić, University of Belgrade - Faculty of Chemistry, Belgrade, Serbia
Sanja Grgurić-Šipka, University of Belgrade - Faculty of Chemistry, Belgrade, Serbia
Dušanka Radanović, University of Belgrade - Institute of Chemistry, Technology and Metallurgy, Belgrade, Serbia
Matija Zlatar, University of Belgrade - Institute of Chemistry, Technology and Metallurgy, Belgrade, Serbia

Organizing Committee:

Carole Duboc, Département de Chimie Moléculaire, Univ. Grenoble Alpes, Grenoble, France
Marcel Swart, IQCC and Dept. of Chemistry, University of Girona, Girona, Spain
Tatjana Parac-Vogt, Department of Chemistry, KU Leuven, Leuven, Belgium
Miloš Milčić, University of Belgrade - Faculty of Chemistry, Belgrade, Serbia
Matija Zlatar, University of Belgrade - Institute of Chemistry, Technology and Metallurgy, Belgrade, Serbia