

The 2nd Opatija Meeting On Computational Solutions in the Life Sciences

List of Invited Speakers (to be confirmed)

Walter Thiel, Max-Planck-Institut für Kohlenforschung, Mülheim an der Ruhr

Gerhard Klebe, Philipps-Universität Marburg, Marburg

Ursula Röthlisberger, Ecole Polytechnique Federale de Lausanne, Lausanne

Rebecca Wade, EML Research gGmbH, Heidelberg

Paolo Carloni, International School for Advanced Studies, Trieste

Siewert-Jan Marrink, University of Groningen, Groningen

Jack Leunissen, Wageningen University, Wageningen

Helmut Grubmüller, Max-Planck-Institute for Biophysical Chemistry, Göttingen

Eivind Hovig, Institute for Cancer Research, The Norwegian Radium Hospital, Oslo

Dušana Janežič, National Institute of Chemistry, Ljubljana

Rob Russell, European Molecular Biology Lab, Heidelberg

Hendrik Zipse, Ludwig-Maximilians-Universität, München

Janez Mavri, National Institute of Chemistry, Ljubljana

Oliver Kühn, Freie Universität Berlin, Berlin

Milan Hodošček, National Institute of Chemistry, Ljubljana

Rudi Podgornik, University of Ljubljana, Ljubljana

Vlasta Bonačić-Koutecký, Humboldt-Universität zu Berlin, Berlin

Snežana Zarić, University of Belgrade, Belgrade

Wolfgang Domcke, Technische Universität München, Garching

Davor Juretić, University of Split, Split

Max Holthausen, Johann Wolfgang Goethe-Universität Frankfurt am Main

Ana Smith, Universität Stuttgart, Stuttgart

Leif Eriksson, Orebro University, Orebro

Anna Tramontano, University of Rome, Rome

Danica Agbaba, University of Belgrade, Belgrade

Igor Weber, Ruđer Bošković Institute, Zagreb

Tentative program

Tuesday, 4. September 2007

- 12⁰⁰-15⁰⁰ *Registration*
- 15⁰⁰-16⁰⁰ *Welcome snack and introductory remarks*
- 16⁰⁰-16⁵⁰ **Students meeting – formation of groups for the hands on sessions**
- 17⁰⁰-17⁵⁰ **The first 'hands on' sessions-Part I**
- 17⁵⁰-18⁰⁵ *Coffee Discussion*
- 18⁰⁵-18⁵⁵ **The first 'hands on' sessions-Part II**

Wednesday, 5. September 2007

- 10⁰⁰- 10⁵⁰ **The second 'hands on' sessions-Part I**
- 10⁵⁰-11⁰⁵ *Coffee Discussion*
- 11⁰⁵-11⁵⁵ **The second 'hands on' sessions-Part II**
- 12⁰⁰-14³⁰ **Lunch**
- 15⁰⁰- 15⁵⁰ **The third 'hands on' sessions-Part I**
- 15⁵⁰-16⁰⁵ *Coffee Discussion*
- 16⁰⁵-16⁵⁵ **The third 'hands on' sessions-Part II**

Short presentations (students will present their work)
(Chairman Boris Kovačević)

- 16⁵⁵-17¹⁵ *Coffee Discussion*

17¹⁵-19⁰⁰ **7 lectures (15 minutes each)**

Thursday, 6. September 2007

Macromolecules in Cell (Chairman S. Tomić)

09⁰⁰-09²⁰ **2 lectures**

10²⁰-10⁵⁰ *Coffee Discussion*

10⁵⁰-11³⁰ **1 lecture**

12⁰⁰-13³⁰ *Lunch*

14⁰⁰-20⁰⁰ *Excursion*

Friday, 7. September 2007

Bioinformatics & Molecular Simulation of Macromolecules (Chairman D. Smith)

9⁰⁰- 10⁴⁵ **3 lectures**

10⁴⁵-11¹⁵ *Coffee Discussion*

11¹⁵- 12²⁵ **2 lectures**

12³⁰-14⁰⁰ *Lunch*

Structure-based Drug Design (Chairman D. Babić)

14⁰⁰-15⁴⁵ **3 lectures**

15⁴⁵-16¹⁵ *Coffee Discussion*

16¹⁵-18³⁰ **3 lectures**
19⁰⁰-20⁰⁰ *Dinner*
20⁰⁰-21³⁰ **Poster session**

Saturday, 8. September 2007

Quantum Chemistry QM/MM (Chairman M. Hodošček)

9⁰⁰- 10⁴⁵ **3 lectures**

10⁴⁵-11¹⁵ *Coffee Discussion*

Quantum Dynamical Study of Biomolecules (Chairman N. Došlić)

11¹⁵-12²⁵ **2 lectures**

12³⁰-14⁰⁰ *Lunch*

Quantum Chemical Study of Biomolecules (Chairman V. Mirčeski)

14⁰⁰-15⁴⁵ **3 lectures**

15⁴⁵-16¹⁵ *Coffee Break*

16¹⁵-19⁰⁰ **Poster session**

19³⁰- *Conference dinner*

Sunday, 9. September 2007

Quantum Chemical Study of Biomolecules (Chairman M. Ramek)

9³⁰-10⁴⁰ **2 lectures**

10⁴⁰-11¹⁰ *Coffee Break*

Short presentations (QM/MM and Quantum Chemical Study of Biomolecules)
(Chairman F. Babani)

11¹⁰-12⁰⁰ **3 lectures (15 minutes each)**

12¹⁵-13⁰⁰ *Wrap Up*