

Program for the IRTG workshop from 3rd April to 5th April 2008

Location: Mariaspring near Göttingen

Thursday, 3rd April 2008

- 17:00 Bus transfer to Mariaspring
- 18:00 Dinner
- 20:00 Intro
- 20:10 After-Dinner-Lecture:
"Deriving the molecular basis of water-splitting in photosystem II"
Dr. Johannes Messinger (MPI for Bioinorganic Chemistry, Mülheim/Ruhr)

Friday, 4th April 2008

- 8:00 Breakfast
- 9:00 – 10:30 Course – Part I: *"EXAFS spectroscopy – basics"*
Dr. Wolfram Meyer-Klaucke (EMBL, Outstation Hamburg)
- 10:30 – 11:00 Coffee break
- 11:00 – 11:30 Dr. Mats Hansson: *"Magnesium chelatase - the first unique chlorophyll biosynthetic enzyme"*
- 11:30 – 12:00 Haitham Saad Eddin: *"Biological nitrogen fixation in anaerobic bacteria"*
- 12:00 – 12:30 Joachim Ballmann: *"A synthetic analogue of the Rieske-type [2Fe-2S] cluster"*
- 12:30 Lunch
- 13:30 – 15:00 Course – Part II: *"EXAFS spectroscopy – applications"*
Dr. Wolfram Meyer-Klaucke (EMBL, Outstation Hamburg)
- 15:00 – 15:30 Coffee break
- 15:30 – 16:00 Alexandra-Zoi Andreou: *"Properties of a Mini 9R-LOX from Nostoc sp."*
- 16:00 – 16:30 André Nadler: *"Synthesis of triazacyclononane functionalized amino acid building blocks"*
- 17:00 – 17:30 Martin Jarenmark: *"Dinuclear Metal Complexes for Modelling of Active Sites in Metalloenzymes"*
- 18:00 Dinner
- 19:30 Poster session + beer

Saturday, 5th April 2008

8:00	Breakfast
9:00 – 9:30	Dr. Sarah Fakh: <i>"Transition metal specific fluorescence sensors in cellular systems: the neuronal zinc metabolism and its role in neurodegeneration"</i>
9:30 – 10:00	Christopher Söderberg: <i>"Fratxin self-assembly and metallation"</i>
10:00 – 10:30	Raymond Yengo or Kerstin Starke: <i>tba</i>
10:30 – 11:00	Coffee break
11:00 – 11:30	Dr. Derek Logan/Renzo Johansson: <i>"Structural studies on ribonucleotide reductases"</i>
11:30 – 12:00	Tomislav Argirevic: <i>"Studying unnatural amino acid radical intermediates in the PCET of RNR by EPR spectroscopy"</i>
12:00 – 12:30	Peer Lukat: <i>"Binding and Reduction of Sulfite by Cytochrome c Nitrite Reductase"</i>
12:30	Lunch
14:00	Bus transfer to Göttingen
Afternoon	Sightseeing of Göttingen
19:00	Dinner at Rathskeller