

May
2010

A publication of the GRK 1626 Chemical Photocatalysis

Kickoff-Meeting in Wildbad Kreuth – a successful start

After months of preparing and anxious waiting for the decision of the DFG Senat, the start of the GRK 1626 Chemical Photocatalysis was finally set on April, 1. The very first official gathering called Kickoff-Meeting took place in the convention centre in Wildbad Kreuth. Members as well as invited external guests met on April, 15, when the single projects were finally presented, lectures held and lively discussions ensued.



On Thursday afternoon, Prof. Eberhard Riedle and Prof. Bernhard Dick introduced the available spectroscopic methods of the project. Afterwards, the graduates had the chance to present their projects on the subjects of Flavin-photocatalysis and enantioselective photocatalysis and could answer questions as well as discuss suggestions of the audience.

Prof. Günther Knör and Prof. Sven Rau rounded off the afternoon by giving an up-to-date report on the subject of hydrogen production using visible light or sunlight. By presenting the results of own as well as results of other working groups, they illustrated both the limits and possibilities of this field of research. Prof. Knör, who is head of the chair for inorganic chemistry at the University Linz, mainly works on spectroscopic and photochemical features of inorganic as well as metal-organic compounds and has already worked for the graduates program sensorical photoreceptors under the auspices of Prof. Dick. After dinner, the graduates and associates had to elect a spokesman among them. After ten minutes of discussion, the group agreed on a

candidate for the first term as well as on a successor. In the future, Matthias Neumann from Dr. Kirsten Zeitler's working group is going to care for the worries and concerns of graduates and assist the organisation of GRK events. From November onwards, Matthias Wenniger from Prof. Eberhard Riedle's working group will take over this task. When the election was over and the day's work done, the Bierstüberl was the ideal place for interesting conversations.

On Friday morning, Prof. Horst Kisch started the session with his lecture on photocatalysis with semiconductors followed by a detailed discussion. Then two more sessions of presentation of projects by graduates with the subjects photocatalysis with coordination compounds, theoretical chemistry and synthesis followed. Each individual project was again discussed and the graduates received some valuable advice concerning their future proceedings. Finally, upcoming dates of the research training group had to be discussed and future tasks assigned.



After Prof. Burkhard König had officially closed the meeting, the whole group had lunch before departing. Reconsidering the two days in Wildbad Kreuth, the kickoff-meeting was definitely a successful start. *Matthias Neumann*

CALENDAR

1st Seminar Day: 20./21. May 2010 in Regensburg

Agenda

Thursday, 20. May	topic	who is speaking?	where?
14:00	opening	Prof. Bernhard Dick	H 46
	lecture: Absorption by molecules: Principles and application in transient absorption spectroscopy	Prof. Bernhard Dick	H 46
	coffee break – meet the speaker	all	H 46
17:00	talk: Femtosecond broadband spectroscopy of plant cryptochrome indicated sub-picosecond protein → FAD electron transfer	Dr. J. Luis Pérez Lustres (Universidade de Santiago de Compostela)	H 46
19:00	follow-up meeting & dinner	guest & all members of the GRK 1626	Kneitinger Keller - Biergarten
Thursday, 21. May			
09:00	lecture: Hints and suggestions to the interplay between ultrafast spectroscopist and preparative photocatalytic chemist	Prof. Eberhard Riedle	H 46
11:00	coffee break – remarks on 2-D transient absorption spectroscopy with a streak camera	Roger Kutta (AK Dick)	H 46
12:00	talk: Introduction to the mentoring program available for GRK 1626 and GRK 1570	Christiane Kapp	„Senatssaal“ / administration department 2 nd floor

Next Seminar Days

The dates of the GRK's second, third and fourth Seminar Days are already fixed:

8. / 9. July 2010 in Erlangen

4. / 5. November 2010 in Regensburg

20. / 21. January 2011 in Munich

Further information will be published timely on our web-page.