

Sunday, October 3rd

Morning	ARRIVAL OF THE GERMAN AND INDIAN PARTICIPANTS
02:45 pm	<u>WELCOME TO THE INDIGO PHD NETWORK MEETING</u>
03:00 pm	<u>RESEARCH SESSION 1</u> <i>Chair: Prof. Oliver Reiser</i> Prof. Burkhard König (UR): "Molecular recognition at the lipid-water interface" Susanna Schmidbauer / Andreas Hohenleutner (UR): "Molecular Switching and Photocatalysis in Gels" Prof. Uday Maitra (IISc Bangalore): "Multi-component, self-assembled systems" Sandip Bhowmik (IISc Bangalore): "Modular sugar-sensors from self-assembled vesicles: A novel approach towards carbohydrate sensing"
04:45 pm	COFFEE / TEA BREAK
05:15 pm	<u>RESEARCH SESSION 2</u> <i>Chair: Prof. Burkhard König</i> Dr. Kirsten Zeitler (UR): "Photocatalysis and Organocatalysis - Merging of Two Sustainable Concepts" Prof. S. Sankararaman (IIT Madras): "Aggregation of tetraalkenylpyrene and hexaalkenyltriphenylene derivatives in solution" Nils Sorgenfrei (UR): "Synthesis and spectroscopic investigation of acylguanidines" Prof. Ruth Gschwind (UR): "NMR detection of intermediates and catalytic complexes"
07:15 pm	DINNER

Monday, October 4th

09:00 am	Dr. Peter Walther (BASF SE): "Raw Material Change in the Chemical Industry"
10:00 am	COFFEE / TEA BREAK
10:15 am	<u>RESEARCH SESSION 3</u> <i>Chair: Prof. Uday Maitra</i> Prof. Ganesh P. Pandey (NCL Pune): "Adventure with the Total Synthesis of Structurally Complex Biologically Active Alkaloids" Prof. Tushar K. Chakraborty (CDRI Lucknow): "Challenges in drug discovery – from natural products to designer molecules" Prof. Achim Wagenknecht (KIT): "Functional DNA architectures" Prof. M. Jayakannan (IISER Pune): "Polymeric Nanomaterials via Molecular Self-assembly" Prof. Lukas Hintermann (TUM): "Catalytic Methods for Atom-Economic Organic Synthesis"
01:00 pm	LUNCH
02:00 pm	<u>RESEARCH SESSION 4</u> <i>Chair: Prof. Achim Wagenknecht</i> Prof. Srinivasan Chandrasekaran (IISc Bangalore): "Studies on Ring Opening of Doubly Activated Cyclopropyl Derivatives: Synthesis of Functionalized Thiophenes" Andreas Kreuzer (UR): "Synthesis of novel nucleoside analogues from 2-furoic acid" Prof. Oliver Reiser (UR): "Mag(net)ic Catalysts - Synthesis and Applications" Paul Kohls / Deepak Jadhav (UR): "Photocatalytic C-C coupling reactions" Prof. N. Jayaraman (IISc Bangalore): "Reactivity switching in allyl thioglycosides"
05:00 pm	TRANSFER TO REGENSBURG CITY: SIGHTSEEING PROGRAMME
07:30 pm	CONFERENCE DINNER

Tuesday, October 5th

09:00 am	<u>RESEARCH SESSION 5</u> <i>Chair: Prof. Goverdhan Mehta</i> Prof. Balaji Jagirdar (IISc Bangalore): "Approaches towards the activation and functionalization of sigma bonds in small molecules" Prof. Fritz Kühn (TUM): "Nitril Ligated Transition Metal Complexes and Their Applications" Prof. Javed Iqbal (ILS Hyderabad): "Studies directed towards the total synthesis of Rhizoxin D and Amphidinolides" Balakrishna Dulla (ILS Hyderabad): "Synthetic Analogues of DehydroShikimic acid as Novel Anti Tuberculosis Drugs"
11:00 am	COFFEE / TEA BREAK
11:30 am	<u>RESEARCH SESSION 6</u> <i>Chair: Prof. Fritz Kühn</i> Prof. Vinod K. Singh (IISER Bhopal): "Recent Progress in Enantioselective Organocatalytic Aldol Reaction" Prof. Dilip D. Dhavale (University of Pune): "Synthesis and Biological Evaluation of Glycosyl Nucleoside Core of Amipurimycin analogue and Synthetic Studies towards (+)-Zwittermicin A Analogues" Prof. Sundarababu Baskaran (IIT Madras): "Development of New Synthetic Methods Based on Benzylidene Acetals"
01:00 pm	LUNCH
02:00 pm	WALK TO WALHALLA
04:00 pm	COFFEE / TEA BREAK

04:30 pm THE INDIGO PROGRAMME: RESUME 2008-2010 AND PERSPECTIVE

Chair: Prof. Burkhard König

Prof. Goverdhan Mehta (University of Hyderabad): "Harnessing synergy between natural products and total synthesis for human well-being"

Prof. Henning Hopf (Technical University of Braunschweig - GDCh): "How do functional groups interact – learning from cyclophanes"

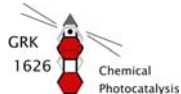
Prof. Burkhard König / Dr. Petra Hilgers (UR)

Dr. Wolf-Rüdiger Krahnert (BASF SE)

N. N. (DAAD)

07:00 pm DINNER

08:00 pm **Prof. Ganesh P. Pandey** (NCL Pune): "Photoinduced Electron Transfer Reactions: Synthetic and Mechanistic Perspectives"



Wednesday, October 6th

09:00 am END OF CONFERENCE AND DEPARTURE OF PARTICIPANTS

for students: TRANSFER TO THE UNIVERSITY OF REGENSBURG

10:00 am TRAINING SESSION 1 (lecture hall H48)

Chair: Nils Sorgenfrei & Balakrishna Dulla

Prof. Horst Kisch (University of Erlangen): "Semiconductor Photocatalysis - Basics and Applications"

12:30 pm LUNCH AT THE MENSA

01:30 pm TRAINING SESSION 2 (lecture hall H48)

Chair: Andreas Hohenleutner & Sandip Bhowmik

Prof. Michael A. R. Meier (University of Potsdam): "Sustainable chemistry with plant oils"

04:00 pm END OF TRAINING AND DEPARTURE OF PARTICIPANTS

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DAAD

Deutscher Akademischer Austausch Dienst
German Academic Exchange Service



October 3rd to 6th 2010
Donaustauf – Regensburg – Germany

**INDIGO - Indian-German Graduate School
of Advanced Organic Synthesis for a Sustainable Future**