

Sunday, March 1st

Morning ARRIVAL OF THE GERMAN AND INDIAN PARTICIPANTS

03:00 pm WELCOME TO THE INDIGO PHD NETWORK MEETING
Prof. Burkhard Koenig (University of Regensburg)
Prof. Uday Maitra (IISc Bangalore)
Prof. Javed Iqbal (Institute of Life Sciences Hyderabad)
Prof. Goverdhan Mehta (IISc Bangalore)
Prof. Henri Brunner (University of Regensburg)
Apoorv Mahendru (DAAD Delhi)

03:30 pm RESEARCH SESSION 1: PRESENTATION OF RESEARCH PROJECTS
Chair: Prof. Fritz E. Kuehn
Dr. Ganesh Pandey (NCL Pune): "Non-stabilized Azomethine Ylides in the Synthesis of Biologically Active Alkaloids" (30 min)
Mr. Deepak Jadhav
Prof. Sujit Roy (IIT Kharagpur) and
Mr. Arnab Kumar Maity: "A Heterobimetallic Catalysis Concept: Why and How? From Here to Where?" (40 min)
Prof. Balaji R. Jagirdar (IISc Bangalore): "Activation of Small Molecules and Catalysts for Hydrogen Generation" (30 min)
Mr. Udishnu Sanyal: "Catalysts for Hydrogen Generation" (10 min)

05:45 pm COFFEE / TEA BREAK

06:00 pm **Dr. Wolf-Ruediger Krahnert** (BASF India Ltd.): "BASF's R&D Activities in India" (30 min)

07:30 pm DINNER

Monday, March 2nd

09:00 am RESEARCH SESSION 2: PRESENTATION OF RESEARCH ACTIVITIES AND JOINT PROJECTS
Chair: Prof. Uday Maitra
Prof. Oliver Reiser (University of Regensburg): "Furans as Renewable Starting Materials for Organic Synthesis – a Successful Collaboration between Pune, Bangalore and Regensburg" (30 min)
Mr. Andreas Kreuzer: "Stereoselective Cyclopropanation of Furans" (10 min)
Mr. Michael Pirtsch: "Immobilized Aza(bisoxazolines) in Asymmetric Catalysis" (10 min)
Mr. Vijay Kasture (group of **Prof. D. D. Dhavale**, University of Pune): "Rhodium Carbenoids in the Synthesis of Antibiotic Octosyl Acid A and its Analogues" (10 min)

10:30 am COFFEE / TEA BREAK

11:00 am RESEARCH SESSION 3: PRESENTATION OF RESEARCH ACTIVITIES AND JOINT PROJECTS
Chair: Prof. Burkhard Koenig
Prof. Srinivasan Chandrasekaran (IISc Bangalore): "Synthetic Studies with Cyclopropane Carboxylated Sugar Derivatives" (30 min)
Mr. Nasir Baig: "Chemistry of Tetrathiomolybdate: Studies on Ring Opening of Sulfamidates" (10 min)
Prof. N. Jayaraman (IISc Bangalore): "The Effect of the Dendritic Platforms in Organometallic Catalysis" (30 min)
Mr. K. Naresh: "Synthetic Lipoarabinomannans, Their Biophysical and Biological Studies" (10 min)

01:00 pm LUNCH

02:00 pm RESEARCH SESSION 4: PRESENTATION OF RESEARCH ACTIVITIES AND JOINT PROJECTS
Chair: Prof. Javed Iqbal
Prof. Hans-Achim Wagenknecht (University of Regensburg): "Functional DNA and Peptide Architectures" (30 min)
Mr. Praveen Kumar Gajula (group of **Dr. Tushar K. Chakraborty**, IICT Hyderabad): "Efficient Synthesis of Nucleoside Amino Acids and their Possible Applications in the Synthesis of Amide-linked Small RNA Mimics"

03:15 pm COFFEE / TEA BREAK

03:45 pm RESEARCH SESSION 5: PRESENTATION OF RESEARCH PROJECTS
Chair: Prof. Henri Brunner
Prof. S. Sankararaman (IIT Madras): "Fun with Acetylene Chemistry : IITM-TUBS Success Story" (30 min)
Mr. T. Karthikeyan: "Unusual N-Heterocyclic Carbene Ligands for Suzuki Coupling" (10 min)
Prof. Sundarababu Baskaran (IIT Madras): "New Synthetic Methods Towards the Stereoselective Synthesis of Biologically Active Molecules" (30 min)
Mr. P. Manohar: "Semipinacol-Schmidt Based Domino Strategy for the Stereoselective Synthesis of Azapolycyclic Ring Systems" (10 min)

05:15 pm COFFEE / TEA BREAK

05:30 pm **Mr. Apoorv Mahendru** (DAAD Regional Office India) Presentation of the activities of the DAAD (German Academic Exchange Service) in India (30 min)
Prof. Javed Iqbal (Institute of Life Sciences Hyderabad) "Institute of Life Sciences: A Unique Experiment on Public Private Partnership in Drug Discovery" (30 min)

06:45 pm MUSIC PROGRAMME

08:30 pm CONFERENCE DINNER

Tuesday, March 3rd

- 09:00 am** RESEARCH SESSION 6: PRESENTATION OF RESEARCH ACTIVITIES AND JOINT PROJECTS
Chair: Prof. Henning Hopf
Prof. Burkhard Koenig (University of Regensburg): *"Organic Chemistry with Light: Acceleration of Reactions, Switching of Conformations and Detection of Analytes"* (30 min)
Mr. Andreas Hohenleutner: *"Flavin Photocatalysis in Chiral Gels"* (10 min)
Mrs. Susanna Schmidbauer: *"Towards Dithienylethene-based Photoresponsive Gels"* (10 min)
Prof. Uday Maitra (IISc Bangalore): *"Soft Materials from Bile Acids - What can You do with them?"* (30min)
Mr. Sandip Bhowmik: *"Dye Extraction with Small Bile Acid-derived Dendrons"* (10 min)
- 11:00 am** COFFEE / TEA BREAK
- 11:30 am** RESEARCH SESSION 7: PRESENTATION OF RESEARCH PROJECTS
Chair: Prof. Srinivasan Chandrasekaran
Prof. Fritz E. Kuehn (Technical University of Munich): *"Organorhenium Compounds - Synthesis and Catalytic Applications"* (30 min)
Mrs. Valentina A. Korinth: *"Chromophors and MTO - on the Way to More Efficient Catalysts in the Field of Sustainable Energy"* (10 min)
Dr. Kirsten Zeitler (University of Regensburg): *"Organocatalysis - a Promising Approach for Sustainable Chemistry"* (30 min)
- 01:00 pm** LUNCH
- 02:00 pm** TRAINING SESSION 1:
Chair: Mr. Andreas Hohenleutner & Mr. Sandip Bhowmik
Workshop with **Prof. Goverdhan Mehta** (IISc Bangalore)

- 04:00 pm** COFFEE / TEA BREAK
- 04:30 pm** TRAINING SESSION 2:
Chair: Mr. Nasir Baig & Mr. Andreas Kreuzer
Workshop with **Prof. Henri Brunner** (University of Regensburg)
"Enantioselective Catalysis"
- 07:00 pm** DANCE PROGRAMME
- 08:30 pm** DINNER

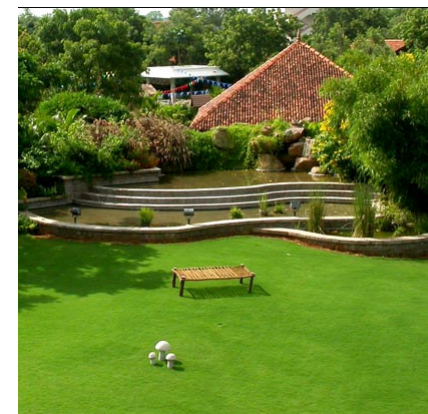
Wednesday, March 4th

- 09:00 am** TRAINING SESSION 3:
Chair: Mr. K. Naresh & Mr. Michael Pirtsch
Workshop with **Prof. Henning Hopf** (Technical University of Braunschweig)
(a) *"NOP: How to Teach Sustainable Chemistry at Universities"*
(b) *"The Use of Renewable Organic Compounds in Industrial Organic Chemistry"*
- 11:00 am** CONCLUDING REMARKS
- 01:00 pm** LUNCH, END OF CONFERENCE AND DEPARTURE OF PARTICIPANTS

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INDIGO PhD research conference and intensive course



March 1st to 4th 2009

Aalankrita – Hyderabad – India

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