

Sunday, February 21st

Morning ARRIVAL OF THE GERMAN AND INDIAN PARTICIPANTS IN LUCKNOW

Accommodation:

Vivanta by Taj - Gomti Nagar
Vipin Khand
Gomti Nagar
Lucknow - 226 010
<http://www.vivantabytaj.com/cities/about-lucknow.html>

2:30 pm WELCOME TO THE INDIGO RESEARCH CONFERENCE

Chair: Prof. Ganesh Pandey

3:00 pm Prof. Oliver Reiser (Universität Regensburg): "Turning Hey to Gold: Novel Catalytic Transformations with Furans as Renewable Resources"

3:40 pm Dr. Sanjay Batra (CDRI, Lucknow): "I₂/NaNO₂-mediated Novel Organic Transformations"

4:20 pm COFFEE / TEA BREAK

Chair: Dr. Vijay Swaminathan

5:00 pm Dr. Harinath Chakrapani (IISER Pune): "Small Molecule Modulators of Cellular Redox Homeostasis"

5:40 pm Prof. Saumen Hajra (CBMR, Lucknow): "Smallest Heterocycles in Synthesis of Indole Alkaloids"

6:20 pm Dr. Petra Hilgers (Universität Regensburg): "International Chemistry Master and PhD programs at the University of Regensburg"

7:00 pm DINNER

Monday, February 22nd

Chair: Prof. Vinod K. Singh

09:00 am Dr. Mammohan Kapur (IISER Bhopal): "One Substrate, Two Modes of C-H Functionalization"

09:40 am Prof. Daniel Werz (Technische Universität Braunschweig): "Carbopalladation Cascades – Not only *syn*, but also *anti*"

10:20 am Dr. Debabrata Maiti (IIT Bombay): "Metal catalyzed C–H functionalization reactions"

11:00 am COFFEE / TEA BREAK

Chair: Dr. Sukunath Narayanan

11:40 am Prof. Lukas Gooßen (Universität Kaiserslautern): "Sustainable Concepts for C-C and C-Heteroatom Bond Formation"

12:20 pm Dr. Santanu Mukherjee (IISc, Bangalore): "Remote Stereocontrol through Enantioselective Catalysis"

1:00 pm LUNCH

Chair: Prof. Uday Maitra

2:30 pm Dr. Sabine Amslinger (Universität Regensburg): "Electrophile fine-tuning to modulate biological activities"

3:10 pm Prof. Tharmalingam Punniyamurthy (IIT Gowahati): "Regioselective C-H Functionalizations and Their Application for Medicinally Significant Heterocycles"

3:50 pm COFFEE / TEA BREAK

Chair: Dr. Sunil Khamkar

4:30 pm Dr. Georg Manolikakes (Goethe Universität Frankfurt): "New Methods for the Synthesis of Sulfones and Sulfonamides"

5:10 pm Dr. Chepuri V. Ramana (NCL, Pune): "Natural Products with Unprecedented Scaffolds – Inspirations for New Synthetic Methodologies"

5:40 pm Dr. Namrata Rastogi (CDRI, Lucknow): "Exploiting the diazo group properties for developing novel reactions"

7:00 pm DINNER

8:00 pm POSTER SESSION BASF

Tuesday, February 23rd

Chair: Prof. Goverdhan Mehta

09:00 am Dr. Ivana Fleischer (Universität Regensburg): "New Reagents and Catalysts for the Functionalization of Alkenes"

09:40 am Dr. Akhila K. Sahoo (University of Hyderabad): "Unsymmetrical Functionalization of Unactivated Multiple C-H Bonds: A Novel Way to Build Complexity"

10:20 am Prof. S. Sankararaman (IIT Madras): "Carbonylative Sonogashira Coupling - Aldol Condensation Cascade Towards Synthesis of Novel Coumarin"

11:00 am COFFEE / TEA BREAK

Chair: Dr. Abhijeet Roy

11:40 am Prof. Lutz Ackermann (Georg-August-Universität Göttingen): "C-H Activation for Sustainable Organic Synthesis"

12:20 pm Dr. Raja Shunmugam (IISER Kolkata): "Polymer Based Smart Nano-carriers for Theranostics Application"

1:00 pm LUNCH

Afternoon FREE TIME

7:00 pm DINNER

Wednesday, February 24th

Chair: Dr. Anand Singh

- 09:00 am Prof. David Díaz Díaz** (Universität Regensburg): "Self-healing gel networks"
- 09:40 am Dr. Kana M. Sureshan** (IISER Thiruvananthapuram): "Sugar-based Gelators: Design, Mechanism of Gelation and Applications"
- 10:20 am Prof. Sandeep Verma** (IIT Kanpur): "Biophysical and Computational Assessment of Insulin Amyloid Inhibition by Synthetic Peptide Conjugates"
- 11:00 am** COFFEE / TEA BREAK
Chair: Dr. Nisha Pansare
- 11:40 am Prof. K. P. Kalippan** (IIT Mumbai): "Domino Strategies for Syntheses of Natural Products and Heterocycles"
- 12:20 am Prof. Burkhard König** (Universität Regensburg): "Cross-coupling with visible light"
- 1:00 pm** LUNCH

END OF RESEARCH CONFERENCE AND DEPARTURE OF PARTICIPANTS

We thank the BASF SE and the Centre of Biomedical Research for their generous sponsorship of the conference.

The INDIGO-programme was previously funded by the German Federal Ministry of Education and Research (BMBF), the German Academic Exchange Service (DAAD), BASF SE, and Dr. Reddy's Laboratories.



Federal Ministry
of Education
and Research

DAAD

Deutscher Akademischer Austausch Dienst
German Academic Exchange Service



Centre of Biomedical Research

An Autonomous Centre of the Govt. of Uttar Pradesh



Universität Regensburg

5TH INDIGO RESEARCH CONFERENCE



FEBRUARY 21ST TO 24TH 2016

LUCKNOW

INDIA

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

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

5TH INDIGO RESEARCH CONFERENCE
LUCKNOW, INDIA, FEBRUARY 21ST TO 24TH 2016

