భారతీయ సాంకేతిక విజ్ఞాన సంస్థ హైదరాబాద్
भारतीय प्रौद्योगिकी संस्थान हैदराबाद
Indian Institute of Technology Hyderabad

# ChemSpirit

# 2025

## CONFERENCE ON CURRENT & FUTURE TRENDS IN CHEMICAL SCIENCES

**17th – 19th November 2025**

**Organized by**

DEPARTMENT OF CHEMISTRY, IIT HYDERABAD

**Visit our website**
**www.chemspirit.com**

**For more information**
**chem.spirit@chy.iith.ac.in**

**Programme Schedule**

**ChemSpirit 2025: Current & Future Trends in Chemical Sciences**

**17th - 19th November**

**IIT Hyderabad (Centre for Continuing Education)**

| | TIME | Monday, 17 November | | |
|---|---|---|---|---|
| 17 November 2025 (Day 1) | 16th 16:00-18:00<br>17th 9:00-11:00 | **Registration** | | |
| | **Venue** | **Auditorium 1** | **TIME** | **Auditorium 2** |
| | 9:00-9:10 | Welcome by Convenors | | |
| | 9:10-9:20 | Welcome by Prof. S. Martha | | |
| | 9:20-9:30 | Address by Honourable Director (Prof. Budaraju Srinivasa Murty) | | |
| | Chair | Koyel Banerjee Ghosh | | |
| | 9:30-10:00 | M. Carmen Galan (IL1) | | |
| | 10:00-10:30 | Buddhadeb Chattopadhyay (IL2) | | |
| | 10:30-11:00 | Takato Mitsudome (IL3) | | |
| | 11:00-11:30 | **Tea Break** | | |
| | Chair | Chilla Malla Reddy | Chair | Krishna Gavvala |
| | 11:30-12:00 | Sebastian Wohlrab (IL4) | 11:30-12:00 | Bhisma Kumar Patel (IL6) |
| | 12:00-12:30 | Alexei V. Demchenko (IL5) | 12:00-12:30 | D. B. Ramachary(IL7) |
| | 12:30-12:45 | Koena Ghosh (OL1) | 12:30-13:00 | Atsuro Takai (IL8) |
| | 12:45-13:00 | Tanmoy Chatterjee (OL2) | | |
| | 13:00-15:00 | Poster Session and Lunch | | |
| | Chair | Faiz Ahmed Khan | Chair | Sivakumar Vaidyanathan |
| | 15:00-15:20 | Rajarshi Samanta (SL1) | 15:00-15:20 | Rambabu Chegondi (SL5) |
| | 15:20-15:40 | Shikha Gandhi (SL2) | 15:20-15:40 | Ganesh Venkataraman (SL6) |
| | 15:40-16:00 | Basudev Sahoo (SL3) | 15:40-16:00 | Veera Reddy Yatham (SL7) |
| | 16:00-16:20 | Aslam Shaikh (SL 4) | 16:00-16:20 | Pankaj Chauhan (SL8) |
| | 16:20-16:35 | Vinoy Kumar (OL3) | 16:20-16:35 | Noufal Kendoh (OL4) |
| | 16:35-16:50 | **Tea Break** | | |
| | Chair | G. Satyanarayana | Chair | Priyadarshi Chakraborty |
| | 16:50-17:20 | Kuntal Manna (IL9) | 16:50-17:20 | Valentin Wittmann (IL12) |
| | 17:20-17:50 | Basker Sundararaju (IL10) | 17:20-17:40 | Pintu Kumar Mandal (SL10) |
| | 17:50-18:20 | Amitava Das (IL11) | 17:40-18:00 | Michaela Wimmerova (SL11) |
| | | | 18:00-18:20 | Dimpy Kalia (SL12) |
| | 18:20-19:30 | Cultural Programs and Tea Break | | |
| | 19:30-21:30 | Dinner | | |

| | TIME | Tuesday, 18 November | | |
|---|---|---|---|---|
| 18 November 2025 (Day 2) | **Venue** | **Auditorium 1** | **TIME** | **Auditorium 2** |
| | Chair | M. Carmen Galan | | |
| | 9:00-9:30 | M. Christina White (online IL13) | | |
| | 9:30-10:00 | Pawel Dydio (IL14) | | |
| | 10:00-10:30 | Jyotirmayee Dash (IL15) | | |
| | 10:30-11:00 | Debabrata Maiti (IL16) | | |
| | 11:00-11:30 | **Tea Break** | | |
| | Chair | Bhabani S Mallik | Chair | Ravinder Vadde |
| | 11:30-12:00 | Raghavan B. Sunoj (IL17) | 11:30-12:00 | Matthias Beller (online) (IL18) |
| | 12:00-12:20 | Lisa Roy (SL13) | 12:00-12:30 | Pavel Mykhailiuk (online) (IL19) |

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| | | | | |
|---|---|---|---|---|
| | 12:20-12:40 | Manoj V. Mane (SL 14) | 12:30-13:00 | Pazhamalai Anbarasan (IL 20) |
| | 12:40-13:00 | Tamas Panda (SL15) | | |
| | 13:00-15:00 | Poster Session and Lunch | | |
| | Chair | Narahari Sastry | Chair | Shubhas Ghosh & Gangarajula Sudhakar |
| | 15:00-15:30 | Santanu Mukherjee (IL 21) | 15:00-15:30 | Venkata Narayana Kalevaru (IL25) |
| | 15:30-16:00 | Akkattu Biju (IL22) | 15:30-15:50 | Sundaram Singh (SL16) |
| | 16:00-16:30 | Joyram Guin (IL 23) | 15:50-16:10 | Gopal Chandru Senadi (SL17) |
| | 16:30-17:00 | Charles Loh (IL 24) | 16:10-16:30 | Kishor Padala (SL 18) |
| | 17:00-17:15 | Shilpi Kushwaha (OL5) | 16:30-16:45 | Tasneem Parvin (OL7) |
| | 17:15-17:30 | Sourav Pradhan (OL6) | 16:45-17:00 | Y. Prashanthi (OL8) |
| | | | 17:00-17:15 | Dheeraj (Shimadzu) (OL9) |
| | 17:30-17:45 | Tea Break | | |
| | **Conference Dinner (Venue: Fisherman's warf)** | | | |

| | **TIME** | **Wednesday, 19 November** | | |
|---|---|---|---|---|
| 19 November 2025 (Day 3) | Venue | **Auditorium 1** | **TIME** | **Auditorium 2** |
| | Chair | G Prabusankar | | |
| | 9:00-9:30 | Dattatraya Dethe (IL26) | | |
| | 9:30-10:00 | Alakesh Bisai (IL27) | | |
| | 10:00-10:20 | Ch. Raji Reddy (SL19) | | |
| | 10.20-10:40 | Indranil Chatterjee (SL20) | | |
| | 10:40-11:00 | Guru Brahamam Ramani (SL21) | | |
| | 11:00-11:30 | **Tea Break** | | |
| | Chair | Saurabh Kumar Singh | | |
| | 11:30-11:50 | Sandip Murarka (SL22) | | |
| | 11.50-12:10 | Srikrishna Bera (SL23) | | |
| | 12:10-12:30 | Dongari Yadagiri (SL24) | | |
| | 12:30-12:45 | Md. Lokman (OL10) | | |
| | 12:45-13:00 | Ajay Singh (OL11) | | |
| | 13:00-14:30 | Lunch | | |
| | Chair | Tarali Devi | | |
| | 14:30 - 14: 45 | Takakura (Shimadzu) (OL12) | | |
| | 14.45 – 15.00 | Subhabrata Mukhopadhyay (Wiley) (OL13) | | |
| | 15:00-15:30 | Awards/Conclusion | | |
| | 15:30-16:00 | Vote of thanks by Convenors | | |

**IL = Invited Lecture (27 minutes talk + 3 minutes Q&A)**

**SL = Short Invited Lecture (17 minutes talk + 3 minutes Q&A)**

**OL = Invited Oral (12 minutes talk + 3 minutes Q&A)**

Current & Future Trends in Chemical Sciences

ChemSpirit 2025

17th to 19th November
IIT Hyderabad

# ChemSpirit 2025

## Celebrating science with rhythm, melody, and movement

Date: 17 November, 2025, 6:30-7:30pm

Venue: Convention Centre, Auditorium 1, IIT Hyderabad

**Group dance: Bharatnatyam**

**Solo dance: Rabindra Nritya**

**Solo dance: Semi classical**

**Hindustani Classical perfromance**

**Group dance: Western style**

**Solo dance: Kuchipudi**

**Solo dance: Kathak**

**Coordinated by Suchona Ghosh, Taal Tarang, IIT Hyderabad scholars and students**

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| | **Day1 – 17-11-2025, Auditorium 1** |
|---|---|
| **IL1** | **Controlling G4 DNA topology with small molecules: towards the development of novel therapeutics**<br>**M. Carmen Galan**<br>School of Chemistry, University of Bristol, Cantock's Close, Bristol, United Kingdom<br>* *e-mail: m.c.galan@bristol.ac.uk* |
| **IL2** | **Catalyst Engineering for CH Bond Borylation**<br>**Buddhadeb Chattopadhyay***<br>Department of Chemistry, Indian Institute of Science Education & Research Pune<br>Dr. Homi Bhabha Road, Pune, Maharashtra, India<br>Email: buddhadeb.c@iiserpune.ac.in |
| **IL3** | **Design of High-Performance Metal Nanostructured Catalysts for Sustainable Molecular Transformations**<br>**Takato Mitsudome**<br>(Graduate School of Engineering Science, Osaka University 1-3 Machikaneyama, Toyonaka, Osaka 560-8531, Japan) Phone No.: +81-6-6850-6290 E-mail: mitsudom@cheng.es.osaka-u.ac.jp |
| **IL4** | **Catalytic Upgrading of carbon dioxide**<br>**Sebastian Wohlrab**<br>Leibniz-Institut für Katalyse e.V., Rostock Germany<br>Email: sebastian.wohlrab@catalysis.de |
| **IL5** | **Hydrogen-Bond-Mediated Aglycone Delivery**<br>**Alexei V. Demchenko**, PhD<br>*Department of Chemistry, Saint Louis University*<br>*3501 Laclede Ave, St. Louis, Missouri 63103, USA* |
| **OL1** | **Exploring reactivity of deconjugated butenolides or indoles towards donor-acceptor cyclopropane under catalytic conditions**<br>**Koena Ghosh*[1]**<br>Department of Chemistry, Presidency University, Kolkata<br>86/1 College Street, Kolkata-700073 |
| **OL2** | **Developing Green Synthetic Methodologies to Access Marketed Drug, Drug Analogues, and Anti-Cancer AgentsDr. Tanmay Chatterjee**<br>Associate Professor, Department of Chemistry, BITS Pilani, Hyderabad Campus, Jawahar Nagar, Kapra Mandal, Telangana-500078 India. |
| **SL1** | **Transition Metal Catalysed Insertion of Diazoquinones**<br>**Rajarshi Samanta** |

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|---|---|
| | Department of Chemistry, Indian Institute of Technology Kharagpur, India<br>Email: rsamanta@chem.iitkgp.ac.in |
| SL2 | **Beyond the Single Catalyst: Transition Metals in Combined Catalysis**<br>**Shikha Gandhi[1]***<br>[1] Department of Chemical Sciences, Indian Institute of Science Education and Research Berhampur, Berhampur, Odisha 760010, India. |
| SL3 | **Dual Facets of $S_N2'$ Reaction of *gem*-Dichlorocyclobutenones**<br>**Basudev Sahoo***<br>Institute School of Chemistry, Indian Institute of Science Education and Research Thiruvananthapuram, Kerala, India.<br>CONTACT: basudev@iisertvm.ac.in |
| SL4 | **Containing Diverse Organic Scaffolds**<br>**Dr. Aslam C. Shaikh***<br>*Department of Chemistry*<br>*Indian Institute of Technology Ropar, Rupnagar, Punjab, India.* |
| OL3 | **Three-Pronged Strategy: via Directing Group-Assisted Transition metal catalyzed Cascade Annulations**<br>**Dr. Vinaykumar Kanchupalli***<br>Assistant Professor, School of Chemistry, University of Hyderabad, Hyderabad, 500046 |
| IL9 | **Engineering Earth-Abundant Metal Catalysts using Metal-Organic Frameworks for Selective Methane Functionalization**<br>**Kuntal Manna**<br>Indian Institute of Technology Delhi, Department of Chemistry, New Delhi-110016, India |
| IL10 | **Evolution of Co(III)-Catalysis in Asymmetric C-H Bond Functionalizations**<br>Abir Das,[1] Harihara S. Ravishankar,[1] Subramani Kumaran,[1] **Basker Sundararaju***<br>[1] Department of chemistry, Indian Institute of Technology Kanpur, Kanpur, Uttar Pradesh, India -208016 |
| IL11 | **N-Capped Short Peptide-conjugates for Therapeutic Applications**<br>**Amitava Das**<br>Department of Chemical Sciences and Center for Advanced Functional Materials<br>Indian Institute of Science Education and Research (IISER) Kolkata, Mohanpur 741246, West Bengal, India<br>*E-mail: amitava@iiserkol.ac.in* |
| | **Day1 – 17-11-2025, Auditorium 2** |

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| | |
|---|---|
| IL6 | **Taming Radicals: Strategies for Bond Activation and Functionalization**<br>**Bhisma Kumar Patel**<br>[1] Department of Chemistry, Indian Institute of Technology, IIT Guwahati-781039, INDIA. |
| IL7 | **Catalytic Synthesis of Chiral Swaminathan Ketones and Miltirones**<br>**Dhevalapally B. Ramachary***<br>Catalysis Laboratory, School of Chemistry, University of Hyderabad, Central University P.O., C. R. Rao Road, Gachibowli, Hyderabad 500 046, Telangana, INDIA<br>(E-mail: ramsc@uohyd.ac.in) |
| IL8 | **π-Conjugated Molecular Assemblies with Dynamic Functions across Nano- to Macro-Scales**<br>**Atsuro TAKAI[1,2*]**<br>[1] National Institute for Materials Science (NIMS), 1-2-1 Sengen, Tsukuba, Ibaraki, Japan.<br>[2] University of Tsukuba, 1-1-1 Tennodai, Tsukuba, Ibaraki, Japan |
| SL5 | **CuH-Catalyzed Enantioselective Alkoxyallylation**<br>**Rambabu Chegondi***<br>*Organic Synthesis and Process Chemistry Department*<br>*CSIR-Indian Institute of Chemical Technology (CSIR-IICT), Hyderabad 500007, India*<br>*Email: rchegondi@iict.res.in* |
| SL6 | **Nickel(0)-Catalyzed Oxidative Cyclization of π-Systems**<br>**Venkataraman Ganesh[1]***, Sudipta Ghosh[2], Rajesh Chakrabortty[3]<br>[1] Department of Chemistry, Indian Institute of Technology Kharagpur, West Bengal – 721302, India |
| SL7 | **Synthesis of Internal Alkynes via SET, XAT and ART**<br>**Veera Reddy Yatham[1]**<br>[1]School of Chemistry, Indian Institute of Science Education and Research, Thiruvananthapuram 695551, India. |
| SL8 | **Light-/Electricity-/Organocatalysis-Driven Divergent Stereoselective Reactions**<br>**Pankaj Chauhan***<br>Department of Chemistry, Indian Institute of Technology Jammu, J&K, India |
| OL4 | **Supramolecular Ion Pair Adducts Favours Radical Excited State Cascade Electron Transfer for Chromoselective $CO_2$ Photoreduction**<br>Kumari Raksha[1], **Noufal Kandoth*[1,2]**<br>[1] Department of Chemical Sciences, Indian Institute of Science Education and Research-IISER Kolkata, Mohanpur, West Bengal, India |

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| | [2] School Chemical Science, Mahatma Gandhi University, Kottayam, Kerala, India |
| **IL12** | **Chemical Tools for Glycobiology**<br>**Valentin Wittmann**<br>Department of Chemistry, University of Konstanz, 78457 Konstanz, Germany. |
| **SL10** | **Glycosyl Thiosulfonate-Enabled *Ortho*-Thiolation via the Catellani Strategy: A Modular Synthesis of Polysubstituted Aryl Thioglycosides**<br>**Dr Pintu Kumar Mandal**[1,2*], Zanjila Azeem[1,2]<br>[1] Medicinal & Process Chemistry Division, CSIR-Central Drug Research Institute, Lucknow 226031, India.<br>[2] Academy of Scientific and Innovative Research (AcSIR), Ghaziabad- 201002, India. |
| **SL11** | **Molecular Insights into Lectin Architecture and Glycan Specificity in *Photorhabdus* spp.**<br>**Michaela Wimmerova**[1,2*]<br>[1] National Centre for Biomolecular Research, Faculty of Science, Masaryk University, Kotlarska 2, 61137 Brno, Czech Republic<br>[2] Central European Institute of Technology, Masaryk University, Kamenice 5, 625 00 Brno, Czech Republic |
| **SL12** | **Chemical Biology of Bacterial c-di-GMP Signaling**<br>**Dr. Dimpy Kalia**<br>*Department of Chemistry*<br>*Indian Institute of Science Education and Research (IISER) Bhopal, India*<br>(dimpy@iiserb.ac.in |
| | **Day 2 – 18-11-2025, Auditorium 1** |
| **Online IL13** | **M Chritina White** |
| **IL14** | **Unlocking Chemical Innovation Through Mechanistic Design and Multicatalysis**<br>**Pawel Dydio**<br>*Yusuf Hamied Department of Chemistry, University of Cambridge, Lensfield Rd, Cambridge CB2 1EW, United Kingdom* |

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|---|---|
| **IL15** | **Guanosine at the Crossroads of Chemistry and Biology**<br>**Jyotirmayee Dash*[1]**<br>[1] Indian Association for the Cultivation of Science, Kolkata, School of Chemical Sciences, Jadavpur, 700032, India. |
| **IL16** | **Unlocking new chemical space via selective catalysis**<br>**Debabrata Maiti**<br>Department of Chemistry, IIT Bombay,<br>www.dmaiti.com, Email : dmaiti@iitb.ac.in |
| **IL17** | **Machine Learning and Generative-AI for Chemical Reactions**<br>**Raghavan B. Sunoj**<br>*Department of Chemistry and*<br>*Centre for Machine Intelligence and Data Science,*<br>*Indian Institute of Technology Bombay, Mumbai 400076.* |
| **SL13** | **Theoretical Investigations of Molecular, Supramolecular and Enzyme Catalyzed Organic Transformations: A Density Functional Theory Approach**<br>**Lisa Roy[1,*]**<br>[1] Department of Education, Indian Institute of Technology Kharagpur, Kharagpur 721302, India |
| **SL14** | **Probing Ligand Effects through Topographic Steric Mapping: Mechanistic Insights from Computational Analysis**<br>**Dr. Manoj V. Mane**<br>Centre for Nano and Material Sciences, Jain (Deemed-to-be University), Jain Global Campus, Bangalore, Karnataka 562112, India |
| **SL15** | **Disorder Engineering in Macromolecular Frameworks for Electrocatalysis Reaction**<br>**Dr. Tamas Panda**<br>Center for clean Environment & Dept. of Chemistry, Vellore Institute of Technology, Vellore, 632014 |
| **IL21** | **Iridium-Catalyzed Enantioselective C–H Allenylation**<br>**Santanu Mukherjee**<br>Department of Organic Chemistry, Indian Institute of Science, Bangalore 560012<br>e-mail: sm@iisc.ac.in |
| **IL22** | **N-Heterocyclic Carbene-Catalyzed Synthesis of C-N, C-O and N-N Axially Chiral Molecules**<br>**Akkattu T. Biju**<br>Department of Organic Chemistry, Indian Institute of Science, Bangalore-560012, India<br>Email: atbiju@iisc.ac.in |
| **IL23** | **Asymmetric N-Heterocyclic Carbene Catalysis via Noncovalent Interaction**<br><br>**Joyram Guin** |

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|---|---|
| | School of Chemical Sciences, Indian Association for the Cultivation of Science (IACS) Kolkata – 700032, India<br>Email: ocjg@iacs.res.in |
| IL24 | **Leveraging Non-classical σ-hole based Noncovalent Interactions and Asymmetric Catalysis: Emerging Frontiers in Stereoselective Carbohydrate Synthesis**<br>**Charles C. J. Loh[1]***<br>[1] UCD School of Chemistry, University College Dublin, Belfield, Dublin 4, Ireland. |
| OL5 | **Supramolecular Materials with Tunable Properties for Advanced Aqueous Separations**<br>**Shilpi Kushwaha**<br>CSIR-Central Salt and Marine Chemicals Research Institute, Bhavnagar, India.<br>shilpik@csmcri.res.in; shilpi.kushwaha@fulbrightmail.org |
| OL6 | **Repurposing Metal-Acylnitrenoids Reactivity: A Formal Remote C–H Functionalization of Carboxylic Acids**<br>**Sourav Pradhan**,[1] Jeonguk Kweon, Manoj Kumar Sahoo, Hoimin Jung, Joon Heo, Yeong Bum Kim, Dongwook Kim, Jung-Woo Park,* and Sukbok Chang*[2]<br>[1]Mahindra University, Hyderabad, India.<br>[2]Institute for Basic Science, Korea Advanced Institute of Science and Technology, Daejeon South Korea. |
| | **Day 2 – 18-11-2025, Auditorium 2** |
| IL18 | **Development of Catalysts for Achieving a Sustainable Society: Examples from the Chemical Industry and Energy Technologies**<br>**Matthias Beller[1]**<br>[1] Leibniz-Institut für Katalyse, Albert-Einstein-Str. 29a, 18059 Rostock, Germany.<br>matthias.beller@catalysis.de |
| IL19 | **Saturated *N/O*-heterocycles for medchem**<br>**Pavel K. Mykhailiuk**<br>Enamine Ltd. Chervonotkatska 78, 02094 Kyiv (Ukraine).<br>Email: Pavel.Mykhailiuk@gmail.com |
| IL20 | **Ligand Controlled Chemo- and Stereodivergent Functionalization of C-H bonds with Cyclopropenes**<br>**Pazhamalai Anbarasan**<br>*Department of Chemistry, Indian Institute of Technology Madras, Chennai – 600036* |
| IL25 | **Effect of particle size on the activity of palladium catalysts**<br>**Narayana Kalevaru***, Sebastian Wohlrab |

| | |
|---|---|
| | Leibniz Institute for Catalysis (LIKAT), Albert-Einstein-Str. 29a, 18059 Rostock, Germany |
| SL16 | **Photo-Triggered Synthesis of Heterocyclic Compounds Via C-S and C-N Bond Formation**<br>**Sundaram Singh**<br>Department of Chemistry, IIT(BHU), Varanasi-221005<br>sundaram.apc@itbhu.ac.in |
| SL17 | **Harnessing the Versatile Reactivity of α-Aminonitriles: A Pathway to Value-Added Molecules**<br>**Gopal Chandru Senadi**[1]*, Swetha Sathyendran[1], Vikraman Ganesh Moorthi[1]<br>[1] Green and Sustainable Synthesis Laboratory, Department of Chemistry, SRM Institute of Science and Technology, Kattankulathur, Chennai, Tamil Nadu, India. |
| SL18 | **DMSO Beyond a Solvent: Sustainable Pathways to Heterocycles and Sulfoxides**<br>**[1]Dr.Kishor Padala**<br>[1]Department of Chemistry, Central Tribal University of Andhra Pradesh, Vizianagaram, Andhra Pradesh, India, 535003. |
| OL7 | **Exploration of Cyclic Enamines through Pot, Atom, and Step Economic Strategies: A Sustainable Route to Bioactive Hybrid Heterocycles**<br>**Tasneem Parvin**[1]<br>[1] Department of Chemical Science and Technology, National Institute of Technology Patna, Ashok Rajpath, Patna-800005, Bihar, India |
| OL8 | **Synthesis and Characterization of Polymer nanocomposites for biological and photocatalytic activities**<br>**Y.Prashanthi**[1,*], P.Uday Prakash[1]<br>[1] Department of Chemistry, Mahatma Gandhi University, Nalgonda, Telangana, India |
| | **Day3 – 19-11-2025, Auditorium 1** |
| IL26 | **Harnessing Synthetic Innovation for Complex Natural Products and Therapeutic Discovery**<br>**Dattatraya H. Dethe**<br>*Department of Chemistry, Indian Institute of Technology Kanpur, UP*<br>(Email: ddethe@iitk.ac.in) |

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|---|---|
| IL27 | **Total Synthesis of Biologically Active Complex Alkaloids**<br>**Alakesh Bisai**<br>*Department of Chemical Sciences, IISER Kolkata, Mohanpur, WB, INDIA*<br>e-mail: alakesh@iiserkol.ac.in |
| SL19 | **Cascade Functionalization/Annulation Approaches for the Assembly of Fused-Heterocycles**<br>**Chada Raji Reddy***<br>*Department of Organic Synthesis & Process Chemistry*<br>*CSIR-Indian Institute of Chemical Technology*<br>(E-mail: rajireddy@iict.res.in |
| SL20 | **Light-Camera-Action: Shining Visible Light on Hantzsch Ester**<br>**Indranil Chatterjee***<br>Indian Institute of Technology Ropar, Rupnagar, Punjab – 140001, India<br>(*Email: indranil.chatterjee@iitrpr.ac.in*) |
| SL21 | **Exploring the Reactivity of Alkynyl Hydrazone and Diazo Carboxylates for the Synthesis of Diverse Scaffolds**<br>**Guru Brahamam Ramani[1]***<br>[1]Department of Chemistry, Indian Institute of Technology Jammu, NH-44, PO Nagrota, Jagti, Jammu and Kashmir, 181221, India |
| SL 22 | **Two Tales of C–H Functionalization**<br>**Sandip Murarka***<br>Department of Chemistry, Indian Institute of Technology Jodhpur, Rajasthan.<br>E-mail: sandipmurarka@iitj.ac.in |
| SL23 | **Taming Alkyl Boronic Esters in Cross-Couplings via Amino Radical Transfer (ART)**<br>**Srikrishna Bera**<br>Indian Institute of Technology Tirupati, Tirupati, India. |
| SL 24 | **Palladium-Catalyzed Site-Selective C–H Functionalization of Arenes(Hetero), Alkenes via a Cross-Coupling Approach**<br>**Dongari Yadagiri[1]***<br>[1]Laboratory of Organic Synthesis and Catalysis, Department of Chemistry<br>Indian Institute of Technology, Roorkee, Uttarakhand-247667, India.<br>*E-mail: yadagiri.dongari@cy.iitr.ac.in |
| OL10 | **Rational Design and Green Synthetic Paradigms for the Synthesis of Substituted and Fused Thiazole Derivatives**<br>**Lokman H. Choudhury[1,*]**<br>*[1] Department of Chemistry, Indian Institute of Technology Patna, Bihta, Patna-801106, INDIA* |
| OL11 | **Transitioning from Batch chemistry to Flow and Digitally Programmed Chemical Synthesis**<br>**Ajay K Singh**<br>CSIR-Indian Institute of Chemical Technology, Hyderabad |

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