

**XIX NOST-Organic Chemistry Conference (XIX-NOST-OCC)**  
 (30<sup>th</sup> Anniversary Edition)  
*Venue: Hotel Grand Hyatt, Goa*  
 (September 6-9, 2018)

**September 6, 2018 (Thursday)**

(3:00 – 3:15 PM)	<p><b>Welcome Remarks by Co-Chair, NOST Council</b></p> <p>Srivari Chandrasekhar (CSIR-IICT Hyderabad, India)          Sandeep Verma (IIT Kanpur, India)</p> <p><b>Introduction to NOST</b>          Prof S Chandrasekaran, President, NOST Trust</p>
<b>ELI LILLY SESSION</b>	
<b>SESSION 1</b> (3:20 - 4:40 PM)	<b>Chairperson: Prof Ganesh P Pandey, CBMR, Lucknow</b>
3:20 – 3:50 PM	<b>Christoph Schneider</b> (University of Leipzig, Germany) <i>Chiral Phosphoric Acid-Catalyzed Transformations of H-Bonded ortho-Quinone Methides and ortho-Quinone Methide Imines</i>
3:50 – 4:20 PM	<b>Krishna P Kaliappan</b> (IIT-Bombay, Mumbai, India) <i>Biomimetic Amide Formation to Lewis Acid Mediated Iodo-Annulation to First Enantioselective Formal Synthesis of (-) Vinigrol: An Exhibition of Efficient One-Pot Reactions</i>
4:20 – 4:40 PM	<b>Dattatraya H Dethe</b> (IIT, Kanpur, India) <i>Enantioselective Total Synthesis of Stronglylyphorines and Structurally Related Natural Products</i>
4:40 – 5:10 PM	<b>TEA / COFFEE BREAK</b>
<b>JUBILANT LIFE SCIENCES SESSION</b>	
<b>SESSION 2</b> (5:10 – 7:00 PM)	<b>Chairperson: Prof J Lacour</b> (University of Geneva)
5:10 – 5:40 PM	<b>Donald Hilvert</b> (ETH, Zurich) <i>Design And Evolution of Artificial Enzymes</i>
5:40 – 6:10 PM	<b>Uday Maitra</b> (IISc, Bangalore) <i>Bioanalytical Applications of Soft Photoluminescent Materials</i>
6:10 – 6:40 PM	<b>Akhilesh Kumar Verma</b> (University of Delhi, Delhi) <i>Cu-Catalyzed 1,3 Alkyl Migration from Carbon Center to</i>

	<i>Nitrogen Center: Synthesis of Aryl and Heteroaryl Carbazoles</i>
6:40 – 7:00 PM	<b>Vishal Rai</b> (IISER Bhopal) <i>Chemical Technologies for Precision Labeling of Proteins</i>
7:30 PM	<b>MIXER &amp; DINNER</b>
9:30 PM	<b>Special Evening Session: “Meet the Editors”</b>

**September 7, 2018 (Friday)**

<b>BASF SESSION</b>	
<b>SESSION 3</b> (9:00 – 10:50 AM)	<b>Chairperson: Prof J Moses</b> (La Trobe University, Melbourne)
9:00 – 9:30 AM	<b>Sundarababu Baskaran</b> (IIT-Madras, Chennai) <i>SET Oxidative Domino Cyclization: Stereoselective Synthesis of Heterocyclic Ring Systems</i>
9:30 – 10:00 AM	<b>Andrew L Lawrence</b> (University of Edinburgh, UK) <i>Biomimetic Natural Product Synthesis</i>
10:00 – 10:30 AM	<b>Akhila Kumar Sahoo</b> (University of Hyderabad) <i>Cyclization Diversity of Yne-Tethered Ynamides: Access to Novel Heterocycles</i>
10:30 – 10:50 AM	<b>Joyram Guin</b> (IACS, Kolkata) <i>Radical Promoted C-H Functionalization with Molecular Oxygen</i>
10:50 – 11:20 AM	<b>TEA / COFFEE BREAK</b>
<b>PANACEA BIOTEC SESSION</b>	
<b>SESSION 4</b> (11:20 - 1:10 PM)	<b>Chairperson: Prof Javed Iqbal</b> (Cosmic Therapeutics)
11:20 – 11:50 AM	<b>Edward Anderson</b> (University of Oxford, UK) <i>Synthesis of Natural and Unnatural Products</i>
11:50 – 12:20 PM	<b>Alakesh Bisai</b> (IISER, Bhopal) <i>Total Syntheses of Indole Alkaloids of Biological Relevance</i>
12:20 - 12:50 PM	<b>Jean-Marie Galano</b> (Université de Montpellier, France) <i>Exploring Oxidative Stress by Total Synthesis</i>
12:50 – 1:10 PM	<b>Subhash Ghosh</b> (CSIR-IICT, Hyderabad) <i>Total Synthesis of Callyspongiolide and Proposed Structure of</i>

	<i>Maltepolide C</i>
1:10 – 2:10 PM	<b>LUNCH</b>
<b>CIPLA SESSION</b>	
<b>SESSION 5</b> (3:00 - 4:20 PM)	<b>Chairperson: Prof Bill Hawkins</b> (University of Otago)
03:00 - 03:30 PM	<b>Léon Ghosez</b> (University of Bordeaux, France) <i>Tertiary Amides: Cheap and Practical Vehicles for Deoxy Halogenation Reactions</i>
03:30 - 04:00 PM	<b>Maya Sankar Singh</b> (Banaras Hindu University, Varanasi) <i>The Wonderful Chemistry of <math>\alpha</math>-Enolic Dithioesters: A Balance Between Reactivity &amp; Selectivity</i>
04:00 - 04:20 PM	<b>Subhas C Pan</b> (IIT Guwahati) <i>Organocatalytic Asymmetric Cyclization Reactions</i>
04:20 - 04:50 PM	<b>TEA / COFFEE BREAK</b>
<b>TRUSTEES SESSION</b> <b>30<sup>th</sup> Anniversary Celebration</b>	
(5:00 - 06:30 PM)	<b>Felicitation and reminiscences</b> <b>Chair: President, NOST Trust</b> <ul style="list-style-type: none"> <li>• Voice messages</li> <li>• Slide-show</li> <li>• Remarks by participants</li> </ul>
7.00 PM	<b>BANQUET DINNER</b>

**September 8, 2018 (Saturday)**

<b>ASTRA ZENECA &amp; DST-SERB SESSION</b>	
<b>SESSION 6</b> (09:00 -10:50 AM)	<b>Chairperson: Prof N Jayaraman</b> (IISc, Bangalore)
09:00 - 09:30 AM	<b>Philippe Renaud</b> (University of Bern, Switzerland) <i>Extending the Scope of Radical Chain Reactions: How Far Can We Go?</i>
09:30 - 10:00 AM	<b>Saumen Hajra</b> (Centre of Biomedical Research, Lucknow) <i>Exploring the Chemistry of Spiro-Epoxy- and Spiro Aziridine</i>

	<i>Oxindoles in Synthesis of Indole Alkaloids</i>
10:00 - 10:30 AM	<b>Prof Chang-Hee Lee</b> ( <i>Kangwon National University, Korea</i> ) <i>Conformationally Rigid, Antiaromatic Hexaphyrins[1.0.1.0.1.0]: Substituents Effects on the Antiaromaticity and Redox Potential</i>
10:30 - 10:50 AM	<b>Kamal K Kapoor</b> ( <i>University of Jammu, Jammu</i> ) <i>Synthesis of 2-Aroyl-3-Arylimidazo[1,2-A]Pyridines and Architecturally Challenging Oxygen Containing Heterocycles</i>
10:50 - 11:20 AM	<b>TEA / COFFEE BREAK</b>
<b>SUN PHARMA SESSION</b>	
<b>SESSION 7</b> (11:20 - 1:00 PM)	<b>Chairperson: Dr T Rajamannar</b> (Sun Pharma, India)
11:20 - 11:50 PM	<b>Hiroyuki Asanuma</b> (Nagoya University, Japan) <i>Azobenzene-Tethered DNA for Photo-Driven Nanomachine</i>
11:50 - 12:20 PM	<b>Daniel Rauh</b> (TU Dortmund, Germany) <i>Lessons to be Learned: The Molecular Basis of Kinase-Targeted Therapies and Drug Resistance in Non-Small Cell Lung Cancer</i>
12:20 - 12:40 PM	<b>Pinaki Talukdar</b> (IISER, Pune) <i>Synthetic Chloride Transporters for Targeting Cancer</i>
12:40 - 1:00 PM	<b>Sivapriya Kirubakaran</b> (IIT-Gandhinagar) <i>Targeting "Druggable" DDR kinases: Novel Therapeutics Towards Specific Cancer</i>
01:00 – 02:00 PM	<b>LUNCH</b>
<b>Sightseeing trip (River Cruise)</b>	
7.00 PM	<b>DINNER</b>

**September 9, 2018 (Sunday)**

<b>SYNGENTA BIOSCIENCES SESSION</b>	
<b>SESSION 8</b> (9:00 – 10:40 AM)	<b>Chairperson: Prof J Sperry</b> (University of Auckland)
9:00 – 9:30 AM	<b>Andreas Dreuw</b> ( <i>University Heidelberg, Germany</i> ) <i>Quantum Chemical Ab Initio Methods for Organic Molecules</i>

9:30 – 10:00 AM	<b>Tharmalingam Punniyamurthy</b> (IIT, Guwahati) <i>Regioselective Carbon-Carbon and Carbon-Heteroatom Bond Formation via C-H Activation</i>
10:00 – 10:20 AM	<b>Nandita Madhavan</b> (IIT-Bombay, Mumbai) <i>Developing Small Peptides for Transmembrane Ion Transport</i>
10:20 – 10:40 AM	<b>Atul Goel</b> (CSIR-CDRI, Lucknow) <i>Pyranone Derived Donor-Acceptor Fluorescent Molecules for Organic Electronics and Biomedical Applications</i>
10:40 – 11:10 AM	<b>TEA / COFFEE BREAK</b>
<b>PI INDUSTRIES SESSION</b>	
<b>SESSION 9</b> (11:10 - 12:15 PM)	<b>Chairperson: Dr S Chandrasekhar</b> (IICT Hyderabad)
11:10 – 11:40 AM	<b>B V Subba Reddy</b> (CSIR-IICT, Hyderabad) <i>Recent Advances in Domino Prins-Type Cyclizations for the Construction of Fused/Bridged/Spirotetrahydropyran Scaffolds</i>
11:40 – 12:00 PM	<b>Rajib Kumar Goswami</b> (IACS, Kolkata) <i>Total Synthesis of Proposed Structure of Antibacterial Natural Product Baulamycin A</i>
12:00 - 12:15 PM	<b>Closing Remarks</b>
12:30 PM	<b>LUNCH followed by departure</b>