

## ***11th BENGALURU INDIA NANO 2020***

### ***DAY 1 | Monday - 2nd March, 2020***

08.30 am onwards | **Registration**

10.00 am - 11.15 am | **Inauguration of the Event, Expo and Poster**

11.15 am - 11.45 am | **Tea / Coffee Break**

11.45 am - 12.30 pm | **Plenary Lecture – I**

#### **Chair**

**Prof. C.N.R. Rao**, FRS, Jawaharlal Nehru Centre for Advanced Scientific Research, Bangalore

#### **Speaker**

**Prof. Wolfgang J. Parak**, Universität Hamburg, Germany

12.30 pm - 01.15 pm | **Plenary Lecture – II**

#### **Chair**

**Prof. Navakanta Bhat**, Centre for Nano Science and Engineering (CeNSE), Bangalore

#### **Speaker**

**Prof. Roger Howe**, Stanford University, USA

01.15 pm - 02.30 pm | **Lunch & Visit to Expo & Poster**

02:30 pm – 04:00 pm | **Nano in Energy**

#### **Chair**

**Prof. G.U. Kulkarni**, Centre for Nano and Soft Matter Sciences, Bangalore

#### **Speakers**

**Prof. S. Sampath**, Indian Institute of Science, Bangalore

**Dr. Shirley Meng**, University of California, USA

**Prof. Vijayamohan K. Pillai**, Indian Institute of Science Education and Research, Tirupati

04.00 pm - 04.30 pm | **Tea / Coffee Break**

04.30 pm - 06.00 pm | **Nano For Clean Water & Environment**

**Chair**

**Prof. Ashok K. Ganguli**, Indian Institute of Technology, New Delhi

**Speakers**

**Prof. Arun Kumar**, Indian Institute of Technology, Delhi

**Dr. Sanjiv Sambandan**, Indian Institute of Science, Bangalore

**Prof. Joydeep Dutta**, KTH Royal Institute of Technology, Sweden

06:30 pm onwards | **Nano Excellence Awards Function & Networking Dinner**

## **DAY 2 | Tuesday - 3<sup>rd</sup> March, 2020**

08.30 am | **Registration**

09.45 am - 10.30 am | **Plenary Lecture III**

### **Chair**

**Prof. A.K. Sood**, FRS, Indian National Science Academy, New Delhi

### **Speaker**

**Prof. Luis M. Liz-Marzán**, CIC biomaGUNE, Spain

### **Speaker**

10.30 am - 11.15 am | **Plenary Lecture IV**

### **Chair**

**Prof. K.N. Ganesh**, Indian Institute of Science, Education & Research, Tirupati

**(Recipient of Prof. C.N.R. Rao Bengaluru India Nano Science Award)**

**Prof. P.S. Anil Kumar**, Indian Institute of Science, Bangalore

11.15 am - 11.45 am | **Tea / Coffee Break**

11.45 am - 01.00 pm | **Nano for the Young**

### **Chair**

**Prof. A.K. Sood**, Indian National Science Academy, New Delhi

### **Speakers**

**Prof. Navakanta Bhat**, Centre for Nano Science and Engineering (CeNSE), Bangalore

**Prof. M. Eswaramoorthy**, Jawaharlal Nehru Centre for Advanced Scientific Research, Bangalore

**Dr. Arindam Ghosh**, Indian Institute of Science, Bangalore

11.45 am - 01.00 pm | **Lab to Market – Nano Innovation**

**Chairs**

**Dr. Bharat Bhargava**, Oil and Natural Gas Corporation Limited, Energy Centre, New Delhi

**Prof. Dinesh Rangappa**, Visvesvaraya Technological University, Karnataka

**Speakers**

**Mr. Rohan M Ganapathy**, Bellatrix Aerospace Pvt Ltd, Bangalore

**Prof. Sushanta Mitra**, Waterloo Institute for Nanotechnology, USA

**Dr. Sandip Patil**, E-Spin Nanotech Pvt. Ltd., Kanpur

**Dr. Deepa Bhagat**, ICAR-NBAIR, Bangalore

11.45 am - 01.00 pm | **Poster Interactive Session**

01.00 pm - 02.00 pm | **Lunch and Visit to Expo & Poster**

02.00 pm - 03.30 pm | **Nano in Agriculture**

**Chair**

**Prof. V. Ramgopal Rao**, Indian Institute of Technology, New Delhi

**Speakers**

**Dr. Alok Adholeya**, The Energy and Resources Institute, New Delhi

**Dr. Kesavan Subaharan**, ICAR – National Bureau of Agricultural Insect Resources, Bangalore

**Dr. Vijaykumar Shanmugam**, Institute of Nano Science and Technology, Mohali

**Dr. C. Anandharamakrishnan**, Indian Institute of Food Processing Technology, Thanjavur

02:00 pm - 03:30 pm | **NanoSparX Competition**

**Chairs**

**Prof. Rudra Pratap**, Indian Institute of Science, Bangalore

**Prof. Akshay K. Naik**, Indian Institute of Science, Bangalore

03.30 pm - 04.00 pm | **Tea / Coffee Break**

04:00 pm – 05:30 pm | **Nano in Medicine**

**Chair**

**Prof. G. D. Yadav**, Emeritus Professor of Eminence and Former Vice Chancellor, Institute of Chemical Technology, Mumbai

**Speakers**

**Dr. Neus Feliu**, Universität Hamburg, Germany

**Prof. Amit K. Dinda**, All India Institute of Medical Sciences, New Delhi

**Dr. Praveen Kumar Vemula**, The Institute for Stem Cell Science and Regenerative Medicine (*inStem*), Bangalore

04:00 pm – 05:30 pm | **Nano in Manufacturing (Industry Interface)**

**Chair**

**Dr. H. Purushotham**, National Research Development Corporation, New Delhi

**Speaker**

**Dr. Challa Kumar**, Quantum Technology Group, Boston

**Mr. Vignesh Nagarajan**, Saveer MatrixNano pvt ltd, Bangalore

**Mr. Prateek Sharma**, Nanoclean Global Pvt. Ltd, New Delhi

**Mr. Ashwini K. Aggarwal**, Applied Materials India Private Limited, Faridabad

05.30 pm - 06.00 pm | **Valedictory Function, Nano SparX Awards & Poster Award**

## **TUTORIALS | Wednesday, 4<sup>th</sup> March, 2020**

08.30 am onwards | **Registration**

09:45 am – 11:00 am | **Nano Fabrication Technologies Part- I**

**Speaker**

**Prof. P.S. Anil Kumar**, Indian Institute of Science, Bangalore

11:00 am – 11:15 am | **Tea / Coffee Break**

11:15 am – 12:30 pm | **Nano Fabrication Technologies Part- II**

**Speaker**

**Prof. GU Kulkarni**, Centre for Nano and Soft Matter Sciences, Bangalore

12:30 pm – 01:30 pm | **Lunch**

01:30 pm – 02:45 pm | **Nano Characterization**

**Speaker**

**Prof. Akshay K. Naik**, Indian Institute of Science, Bangalore

02:45 pm – 04:00 pm | **Nano in Biology**

**Speaker**

**Dr. Minhaj Sirajuddin**, Institute for Stem Cell Science and Regenerative Medicine (inStem), Bengaluru

04:00 pm – 04:30 | **High Tea & Departure**

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