



# 1st VIRTUAL CONFERENCE







FUNCTIONAL NANOMATERIALS IN INDUSTRIAL AND CLINICAL APPLICATIONS:

ACADEMY - INDUSTRY- CLINICIAN MEET

https://secondnanosymposiumatuclan.net/

Date: 14<sup>th</sup> July 2020



New Delhi London

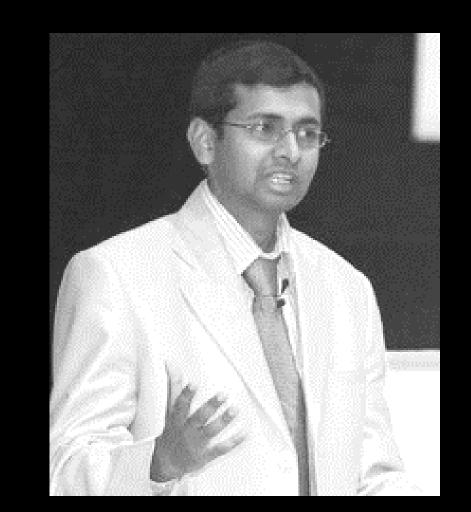
New York

1.30 am - 3.50 am (+1) 9.00 pm - 11.20 pm

4.30 pm to 6.50 pm

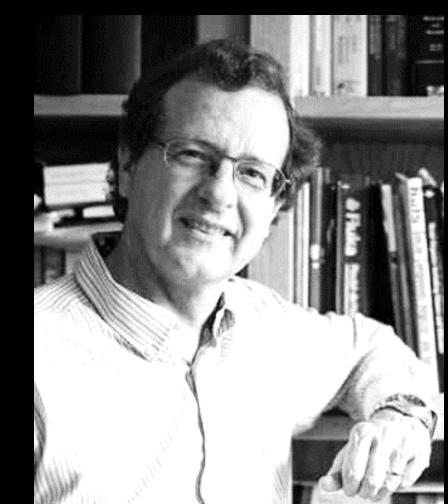
11.30 am to 1.50 pm

### Session chair



**Prof. Vivek Polshettiwar** Tata Institute of Fundamental Research, Mumbai, India

# KN-2-01(30 mins)



**Prof. Andreas Stein** University of Minnesota, USA **Title: Colloid-Templated Nanoporous Materials** for Commercial Applications

# IL-4 (15 mins)



**Dr Debabrata Rautaray** Tata Chemicals Ltd., Pune, India **Title: Nano Chemistry Solutions for Green and Energy Efficient Tires** 

### Judges for oral and poster presentations

#### Oral presentations (15 mins each including 3 mins discussion) **OL-3-03 OL-3-07**

OL-3-10 SL



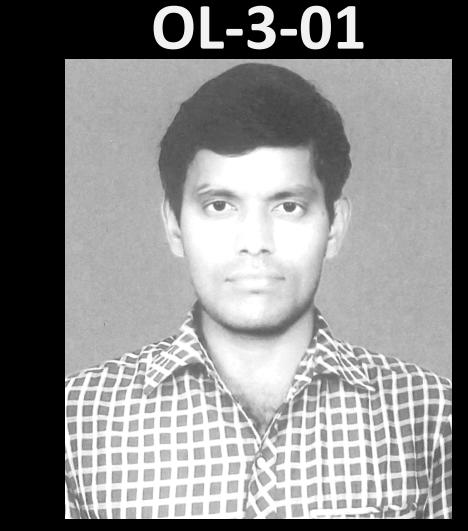
Prof. Indrajit Mukhopadhyay PDPU, Ghandinagar, India Si nanowire arrays with over-layer of camphor based graphene for sensing applications



Miss. Pallavi Thakur TIFR, Hyderabad, India Towards the development of rechargeable high performance Zinc-air batteries



Mr. Sandeep Pandey Kumaun University, Nainital, India **Environmentally Friendly and Sustainable Synthesis of Carbon nanomaterials from Solid** waste materials for Solar cell and **Supercapacitor Applications** 



Mr. Narasimharao Kitchamsetti IIT Indore, India **Mesoporous Perovskite of interlocked nickel** titanate nanoparticles for electrochemical supercapacitor electrode

#### Poster presentations (7 mins each including 2 mins discussion) P-3-02 P-3-05



Miss Silki Sardana

Maharshi Dayanand University, Rohtak, India Design and synthesis of polyaniline/MWCNT composite hydrogel as a binder-free flexible supercapacitor electrodes



Miss Mohini Bora Chaudhary Ranbir Singh University, Jind, India Characterization and electrical conductivity of Lithium **doped Borate** 



