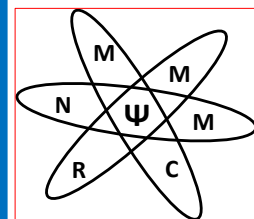




Workshop on
MULTISCALE MODELING OF MATERIALS IN CARBON
RELATED NANOSTRUCTURES

08/05/2023 to 12/05/2023

Central University of Haryana, Mahendergarh, Haryana



Nanomaterials are incorporated into devices like Micro- Electro- Mechanical Systems (MEMS) and Nano- Electro-Mechanical Systems (NEMS) i.e. microresonators, microrotors etc. An important class of nanomaterials are Carbon related Nanostructures. In order to describe their behaviour, it is necessary to describe them at atomic level. The computational material science follows a strategy of “divide and conquer”, where description at atomic level can include the necessary ingredients for the correct description. This method combined with more computational methods at higher length and time scales has led to the development of the so- called multiscale modelling of materials.

The aim of this workshop is to stress the possibilities that multiscale modelling offers in comprehending and controlling of the nanomaterial properties and tailoring them for specific applications.

Registrations

Workshop is for young researchers (students pursuing PhDs, Post-doctoral fellows, young faculties and scientists from universities/institutes. Registration can be made online on the given link of Website of Central University of Haryana. Registration fee for the workshop is Rs. 1000/-.

Tentative Speakers

Prof. Ravindra Pandey, Michigan Technological University, USA
Prof. Mohan L Verma, Shri Shankaracharya Technical Campus, Bhilai, Chhattisgarh, India
Dr. B. Keshav Rao, Shri Shankaracharya Technical Campus, Bhilai, Chhattisgarh, India
Dr. Ashok Kumar, Central University of Punjab, VPO Ghudda, Bathinda, India
Dr. Munish Sharma, Maharaja Agrasen University, Solan, Himachal Pradesh, India
Dr. Neha Katoch, Central University of Himachal Pradesh, India

Advisory Committee

Prof. Ravindra Pandey, Michigan Technological University, USA
Dr. S. M. Yusuf, Solid State Physics Division, BARC, Mumbai, India
Dr. Ashok Arya, senior scientist, Materials Science Division, BARC, India
Dr. Aftab Alam, Professor, Department of Physics, IIT Bombay, Mumbai, India
Dr. Gour Prasad Das, Professor, Department of Materials Science, IACS, Kolkata, India
Dr. Hemant K Kashyap, Professor, Department of Chemistry, IIT Delhi, India
Dr. Chiranjib Majumder, Professor, Chemistry Division, BARC, Mumbai, India
Dr. Arnab Mukharjee, Professor, Department of Chemistry, IISER Pune, India
Dr. Govardhan Reddy, Associate Professor, IISc Bangalore, India
Dr. Swapan K Pati, Professor, Theoretical Sciences Unit, JNC SAR, Bangalore, India
Dr. Amrita Bhattacharya, Associate Professor, Department of Metallurgical Engineering and Materials Science, IIT Bombay, Mumbai, India
Dr. Mahesh Sundararajan, Scientific Officer, Department of Atomic Energy, BARC, Mumbai, India

Important Dates

Registration Opens: 08-03-2023
Registration Opens: 08-04-2023
Intimation of Acceptance: 20-04-2023

Important Links

For Registration & Fee Payment
<http://payment.cuh.ac.in/payment.php?eid=e88c1b31bb9b48ce32f3f842389a3d0c>

Intake Capacity: National = 30 & International = 05

*First Come, First Served

Organizing committees

Patron:

Prof. Tankeshwar Kumar (Vice Chancellor), Central University of Haryana

Convenor:

Prof. Sunita Srivastava, Central University of Haryana

Organizing Secretary:

Dr. Azaj Ansari, Central University of Haryana

Local Organizing Committee:

Approximately 15 People in Different Committees

Contact for any query related to the Workshop on mmmncn2023@cuh.ac.in & 9876437838/9820824839