



IIT MANDI

INTERNATIONAL WORKSHOP

ON

NANO/MICRO 2D-3D FABRICATION, MANUFACTURING OF ELECTRONIC – BIOMEDICAL DEVICES & APPLICATIONS

IWNEBD-2018

31ST OCTOBER – 2ND NOVEMBER, 2018

Indian Institute of Technology (IIT) Mandi, MANDI- 175 005 (Himachal Pradesh), India

REGISTRATION

ABOUT

The International Workshop on Nano/Micro 2D - 3D Fabrication, Manufacturing of Electronic & Biomedical Devices and Applications (IWNEBD-2018) will be held during 31st October to 2nd November 2018 at Indian Institute of Technology (IIT) Mandi, Kamand, MANDI - 175 005 (Himachal Pradesh), India. IWNEBD-2018 is an excellent opportunity to network and develop research collaborations with renowned national and international scientists/engineers with vast experience in cutting-edge research and manufacturing. We are sure that you will enjoy your stay with the great climate of the Shivalik Range of the Himalayas, away from the bustle of the metropolis, and of course the excellent hospitality and rich Indian culture.

OBJECTIVE

To bring together engineers, industrialists, scientists and researchers from across the world to discuss recent progresses and future trends in 2D & 3D research in the field of Micro and Nano-fabrication of Electronic & Biomedical Devices. It aims to be one of the leading international workshops for presenting novel and fundamental advances in the field of device fabrication and their applications. A large number of Ph.D. students and young researchers are expected to attend the workshop and present their work as oral or poster presentation.

ORGANIZERS

Patron

Prof. Timothy A. Gonsalves, Director, Indian Institute of Technology, Mandi

General Chairs

Prof. Kenneth E. Gonsalves (Chair), Indian Institute of Technology, Mandi

Prof. Enakshi Bhattacharya (Co-Chair), Indian Institute of Technology, Madras

Convener

Dr. Satinder Kumar Sharma, SCEE, Indian Institute of Technology, Mandi

Co-Conveners

Dr. Subrata Ghosh, SBS, Indian Institute of Technology, Mandi

Dr. Pradeep Parameswaran, SBS, Indian Institute of Technology, Mandi

SESSIONS

- 1: Inauguration
- 2: Lithography & Resists Materials for Semiconductor Fab
- 3: 2D & 3D Printing /Metal Printing/ Bio Printing
- 4: Silicon Technology & Wide Band Semiconductors
- 5: Micro/Nano Technologies (Bio-MEMS/Sensor/NEMS/MEMS)
- 6: Outreach (Opportunities for Industries & Entrepreneurs)

WHO CAN ATTEND: This workshop will be of interest to those who work in the fields of device design, fabrication, materials, processes and tools as a teacher, scientist, student, entrepreneur, policy maker or stakeholder, who care deeply about bringing creative, innovative and rigorous learning practices. This workshop will be of great interest to all those who work in the areas of electronics, biomedical, physics, chemistry and various engineering disciplines including manufacturing.

CALL FOR PAPERS & KEY DATES:

- 15 APRIL:** START OF ABSTRACT SUBMISSION
15 JUNE: DEADLINE OF ABSTRACT SUBMISSION
30 JUNE: ABSTRACT ACCEPTANCE NOTIFICATION
15 JULY: ONLINE EARLY BIRD REGISTRATION STARTS
10 SEPTEMBER: DEADLINE FOR ONLINE PAYMENT
30 SEPTEMBER: DEADLINE FOR FULL PAPER SUBMISSION

Selected papers will be published in peer reviewed workshop proceedings/journals.

CONTACT US:

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SPEAKERS

Prof. Ashutosh Sharma	Secretary, Ministry of Science and Technology, (DST), Government of India
Dr. Ajay Kumar, IAS	Secretary, Ministry of Defense Production, (DDP), Government of India
Prof. V. Ramgopal Rao	Director, Indian Institute of Technology, (IIT) Delhi, India
Prof. Nan M. Jokerst	Executive Director, Materials Instrumentation Facility, Duke University, USA
Dr. Patrick Naulleau	Director, Center for X-Ray Optics, Lawrence Berkeley National Laboratory, USA
Prof. M. Jagadesh Kumar	Vice Chancellor, Jawaharlal Nehru University, New Delhi, India
Prof. Ola L. A. Harrysson	Co-Director, Center for Additive Manufacturing, North Carolina University, USA
Dr. M. S. M. Saifullah	A*STAR, Institute of Materials Research and Engineering, Singapore
Prof. Aaron D. Franklin	Executive Director of Graduate Studies (ECE), Duke University, USA
Prof. Nandita Dasgupta	Indian Institute of Technology, (IIT) Madras, India
Prof. Bodh Raj Mehta	Dean, R & D, Indian Institute of Technology, (IIT) Delhi, India
Prof. Kuen-Yu Tsai	National Taiwan University, (NTU), Taiwan
Ms Allyson Hartzell	Managing Engineer, Veryst Engineering, Needham Heights, MA, USA
Prof. Kenneth Gonsalves	Distinguished Professor, Indian Institute of Technology, (IIT) Mandi, India
Prof. K. J. Rangra	Central Electronics Engineering Research Institute, (CEERI-CSIR), Pilani, India
Dr. Sourabh Ghosh	Indian Institute of Technology, (IIT) Delhi, India
Prof. Enakshi Bhattacharya	Indian Institute of Technology, (IIT) Madras, India
Mr. Prashant Verma	Space Application Center, (ISRO), Ahmedabad, India
Dr. Udayan Ganguly	Indian Institute of Technology, (IIT) Bombay, India
Dr. Ajay Kumar Garg	Ministry of Electronic & Information Technology, (MeitY), Government of India
Mr. Anant Naik	Gallium Arsenide Enabling Technology Centre, (GAETEC) Hyderabad, India
Shri D. Sam Dayala Dev	Director, Inertial System Unit, (ISRO) Thiruvananthapuram, India
Mr. Paritosh Jain	Semi-Conductor Laboratory, (SCL) Mohali, ISRO, India
Dr. Pushpraj Singh	Indian Institute of Technology, (IIT) Delhi, India
Dr. Kasturi Saha	Indian Institute of Technology, (IIT) Bombay, India

REGISTRATION & ABSTRACT SUBMISSION:

Can be done online at www.iwnebd.com. Kindly, pay the online fee according to your registration category through NEFT/UPI (please note the transaction number) and then fill the online registration form. Send the proof of transaction (scanned/screenshot) and any other query:

Email us at : iwnebd@iitmandi.ac.in , iwnebd@gmail.com

REGISTRATION CATEGORY	REGISTRATION FEE (Till SEPT 10, 2018)	ONSPOT REGISTRATION
Indian Student	3000 (INR)	5000 (INR)
Indian Faculty	4000 (INR)	6000 (INR)
Indian Company Participant	8000 (INR)	---
Indian Accompanying Person	2000 (INR)	---
Foreign Student	200 (USD)	300 (USD)
Foreign Faculty	400 (USD)	500 (USD)
Foreign Company Participant	600 (USD)	---
Foreign Accompanying Person	150 (USD)	---