



IISc IEEE Nanotechnology Council & Sensors Council Student Chapter  
and  
IEEE Nanotechnology Council Bangalore Chapter  
presents

# IEEE Nanotech Summer School 2018

**Nanotechnology: From Science to Systems and beyond**

**CeNSE | JULY**  
**IISc | 16-20**

## WHAT?

The IEEE Summer School presents a platform to learn from and interact with the stalwarts in the field of nanotechnology. Seminars from pioneers across the globe coupled with intricately designed hands-on sessions are provided to elevate the interaction of the attendees. Each day of the event is dedicated to unique domains in nanotechnology.

The talks are designed to cater to a broad audience consisting of senior undergraduates, graduate students, post-docs and researchers at the early stages of their careers irrespective of their background.

## WHERE?

Centre for Nano Science and Engineering (CeNSE) is one of the finest research centres in the world, located in the lush green campus of the Indian Institute of Science (IISc), which is also a home to numerous exotic plants and animals.

The interdisciplinary research centre houses a state of the art National Nano-fabrication Centre (NNfC) with 14000 sq.ft. of class 100/1000 cleanroom and a comprehensive Micro Nano Characterization Facility (MNCF) to conduct a plethora of systems characterization.

**Nano-biotechnology**  
**Nano-electronics**  
**Nano-photonics**  
**Nano-materials**  
**NEMS/MEMS**



**Registration Starts 1 APR**  
**Early Bird Registration 15 MAY**  
**Registration Ends 15 JUN**



	Early Bird		Regular	
	IEEE	Others	IEEE	Others
Student	60 \$	75 \$	80 \$	100 \$
Faculty	90 \$	105 \$	100 \$	120 \$
Industry Professional	130 \$	150 \$	140 \$	160 \$

\*charges do not include travel and accomodation

**Register on  
the Website!!**



[www.iisc-ieee-nss.in](http://www.iisc-ieee-nss.in)



# IEEE Nanotechnology Summer School 2018 – Schedule

*16 July*  
**Nanomaterials**

*17 July*  
**Nano-Electronics**

*18 July*  
**Nano-Photonics**

*19 July*  
**MEMS/NEMS**

*20 July*  
**Nano-Biotechnology**

Dr. Victor Koledov  
*Russian Academy of Sciences,  
Russia*

Dr. Meyya Meyappan  
National Aeronautics and  
Space Administration (NASA)  
USA

Prof. Shankar Kumar  
Selvaraja  
*Centre for Nanoscience and  
Engineering, IISc.*

Prof. Rudra Pratap  
*Centre for Nanoscience and  
Engineering, IISc.*

Prof. Ambarish Ghosh  
*Centre for Nanoscience and  
Engineering, IISc.*

Dr. Svetlana Gratowski  
*Russian Academy of Sciences,  
Russia*

Prof. Navakanta Bhat  
*Centre for Nanoscience and  
Engineering, IISc*

Prof. V. R. Supradeepa  
*Centre for Nanoscience and  
Engineering, IISc*

Prof. Peter J. Hasketh  
*Mechanical Engineering  
Georgia Institute of Technology*

Prof. Manoj Verma  
*Centre for Nanoscience and  
Engineering, IISc*

*Coffee Break*

Prof. Srinivasan Raghavan  
*Centre for Nanoscience and  
Engineering, IISc*

Prof. Digbijoy N. Nath  
*Centre for Nanoscience and  
Engineering, IISc*

Dr. Zubin Jacob  
*Electrical and Computer  
Engineering,  
Purdue University*

Prof. Akshay Naik  
*Centre for Nanoscience and  
Engineering, IISc*

Prof. Thomas Thundat  
*Chemical and Materials  
Engineering, University of Alberta*

Prof. S.A. Shivashankar  
*Materials Research Centre, IISc*

Prof. Masahiro Yamaguchi  
*Electrical, Information and  
Physics Engineering,  
Tohoku University*

Dr. Varun Raghunathan  
*Department of Electrical  
Communication and Engineering,  
IISc*

Prof. Saurabh Chandorkar  
*Centre for Nanoscience and  
Engineering, IISc*

Prof. Prosenjit Sen  
*Centre for Nanoscience and  
Engineering, IISc*

*Lunch*

Lab sessions/Poster Sessions

Industrial Talks and Panel Discussion