

Indo-French Workshop on Microwave Nanotechnologies (MiNa)

3-4 July 2017

**Centre for Nano Science & Engineering (CeNSE),
Indian Institute of Science Bangalore, India**

TIME	EVENT	
Monday, July 3, 2017		
8:30 am - 9:30 am	Registration	
9:30 am - 10:30 am	Opening session	Rudra Pratap Charlotte Tripon Canseliet jerome.bove Srini Kaveri Jean Chazelas
10:40 am - 11:00 am	Coffee break	
11:00 am - 12:30 pm	Low Dimensional Materials in Electromagnetics	
11:00 am - 11:30 am	Low-dimensional materials for optically-assisted microwave applications	C. Tripon-Canseliet - LPEM
11:30 am - 12:00 pm	ITO based Transparent Metamaterials for broad band absorption:	Anantha Ramakrishna, IIT Kanpur, India
12:00 pm - 12:30 pm	Microwave and THz Measurements of Low Dimensional Solids and Tunable Microwave Devices – With Thin Films of Ferroelectrics and Multiferroics	KC JamesRaju, Univ. Hyderabad, India
12:30 pm - 1:45 pm	Lunch (CeNSE)	
1:45 pm - 3:30 pm	Nano Science and Technologies: indian and French Initiatives	
1.45 pm – 2:00 pm	CEFIPRA Initiatives:	Mukesh Kumar, CEFIPRA
2:00 pm - 2:30 pm	French research organisation in nanotechnologies	M. De Labachellerie - FEMTO ST
2:30 pm - 3:00 pm	Nano Science Initiatives in India:	Rudra Pratap, IISc
3:00 pm - 3:30 pm	Microwave nanotechnologies and devices @ Thales Research and Technology Centre	S. Bansropun - THALES
3:30 pm - 4:00 pm	Coffee break	
4:00 pm - 5:30 pm	Microwave Nanomaterials	
4:00 pm - 4:30 pm	Security and industrial applications of THz spectroscopy and imaging.	Bala Pesala, CEERI, CSIR, Chennai, India
4:30 pm - 5:00 pm	Carbon-based nanomaterials and 2D materials research @ CINTRA	TAY B.K. - UMI CINTRA/NTU
5:00 pm - 5:30 pm	Terahertz detectors	SB Krupanidhi, IISc Bangalore, India
5:30 pm - 6:30 pm	Round table: Indo-French Collaboration opportunities in Electromagnetics Education and Research	
7:30 pm - 10:30 pm	Dinner	
Tuesday, July 4, 2017		
TIME	EVENT	
9:30 am - 10:30 am	Photonics Technologies	
9:30 am - 10:00 am	Towards low-power terabit-per-second optical interconnects.	Shalabh Gupta, IIT Bombay, India
10:00 am - 10:30 am	Silicon Photonics Circuits: A Versatile Platform for On-chip to RF Communication	Shankar Kumar Selvaraja
10:30 am - 11:00 am	Coffee break	
11:00 am - 12:30 pm	RF/Microwave Devices	
11:00 am - 11:30 am	RF MEMS resonators for 1 GHz and beyond -	Amitava DasGupta, IIT Madras, India
11:30 am - 12:00 pm	High Power GaN devices	Srinivasan Raghavan, IISc, Bangalore, India
12:00 pm - 12:30 pm	Heterogeneous 3D integration through transfer of ultra thin device layers: Demonstration of GaN on Glass	Prosenjit Sen, IISc Bangalore, India
12:30 pm - 2:00 pm	Lunch	
2:00 pm - 3:30 pm	Technologies & Applications	
2:00 pm - 2:30 pm	Miniaturisation of electronic devices by using magneto-dielectric nanomaterials	Prof. C. Quendo - UBO -France
2:30 pm - 3:00 pm	Statistical Modeling of Material and Geometric Uncertainties	KJ Vinoy, IISc, Bangalore, India
3:00 pm - 3:30 pm	Closing Session	

3:30 pm - 4:00 pm	Coffee break
4:30 pm - 5:30 pm	Lab and facilities visit