

LIMMS-IEMN Workshop

December 5th-6th, 2022 virtual event

8h-12h France / 4 pm - 8 pm Japan

JP time FR time

Monday 5th

JP time	FR time		
16:00	8:00	Welcome adress and Introduction	
16:00	8:00	Pr. Masahiro Nomura - Director of LIMMS	Objectives of the Workshop Short presentation of LIMMS with a video by Dr. S. Volz
16:15	8:15	Dr. Thierry Melin - Director of IEMN	Objectives of the Workshop - Short presentation of IEMN
16:30	8:30	MEMS/NEMS	
16:30	8:30	Pr. Hiroshi Toshiyoshi	MEMS VEH
16:50	8:50	Pr. Yoshio Mita	Agile CMOS-MEMS research opportunity in Takeda Supercleanroom Open Platform
17:10	9:10	Dr. Marc Faucher	MEMS and Sensors activities at IEMN
17:30	9:30	AFM, KFM, probing technology	
17:30	9:30	Pr. Takuji Takahashi	Photo-assisted Scanning Probe Microscopy on Solar Cells
17:50	9:50	Dr. Thierry Melin	KPFM & probes
18:10	10:10	Dr. Maxime Berthe	Near field facilities of IEMN
18:30	10:30	BREAK	
18:50	10:50	Biomedical sensing devices	
19:10	10:50	Pr. Soo Hyeon Kim	Biomedical Microsystems for Single molecule and cell analysis
19:30	11:10	Pr. Agnès Tixier-Mita	Multi-modal Bio-sensing Platforms based on Thin-Film-Transistor Technology
19:50	11:30	Pr. Beomjoon Kim	Bio molecular Needling Systems for medicals (SMMILE-new project)
20:10	11:50	Dr. Alexis Vlandas	Electrical sensors to monitor dynamic biological systems: parasites and more.

LIMMS-IEMN Workshop

December 5th-6th, 2022 virtual event

8h-12h France / 4 pm - 8 pm Japan

JP time FR time

Tuesday 6th

JP time	FR time		
16:00	8:00	Welcome adress and Introduction	
16:00	8:00	Dr. Christophe Delerue- Vice-director of IEMN	Vice- Director of IEMN
16:15	8:15	Dr. Dominique Collard	Overview of SMMIL-e
16:30	8:30	LIMMS SMMIL-e	
16:30	8:30	Dr. Cagatay Tarhan	BioMEMS for Mol. and cell handling
16:50	8:50	Pr. Fabrice Soncin	Biology Vessel on Chip
17:10	9:10	Flexible electronics	
17:10	9:10	Pr. T. Lasri	Towards green and flexible RF electronics
17:30	9:30	Pr. Henri happy	Flexible electronic for wireless applications
17:50	9:50	Pr. Tsuyoshi Minami	Organic Transistor-based Chemical Sensors
18:10	10:10	Pr. Naoji Matsuhisa	Stretchable electronic materials and devices
18:30	10:30	BREAK	
18:50	10:50	Electron transport in nanoscale and molecules	
18:50	10:50	Pr. Kaz Hirakawa	Transport properties and terahertz dynamics of single molecule transistors
19:10	11:10	Dr. Fabien Alibart	From bio-sensing to neuromorphic computing with organic electronic
19:30	11:30	Nanoscale heat, phonon transfer	
19:30	11:30	Pr. Masahiro Nomura	Nanoscale phonon/thermal phenomena and thermoelectrics
19:50	11:50	Dr. Jean-François Robillard	Thermal transport and thermoelectricity in cristalline silicon nanomembranes
20:10	12:10	Closing session	