



Wrocław city center



Workshop building

### Wednesday, September 9<sup>th</sup>

Tumski Barge Restaurant, Wyspa Słodowa 10, Wrocław



18:30 – 19:30	NAMIS steering committee meeting
19:30 – 21:00	Welcome dinner



## Thursday, September 10<sup>th</sup>

Wrocław University of technology, Building CT13, Room 1.28

Wybrzeże Stanisława Wyspiańskiego 23/25, 50-370 Wrocław

08:00 – 08:30	Late Registrations
08:30 – 09:00	Welcome, NAMIS network news and practical information
09:00 – 09:30	<b>Invited talk</b> Andrzej DZIEDZIC, Wrocław Univ. Tech., Poland <i>Research activity in Wrocław University of Technology</i>
09:30 – 10:00	<b>Invited talk</b> Jan DZIUBAN, Wrocław Univ. Tech., Poland <i>High Vacuum MOEMS - a step toward new integrated micro-optical-instrumentation</i>
10:00 – 10:30	Coffee Break
<b>Session 1: Smart micro/nanosystems and sensors/actuators network/array</b>	
10:30 – 11:00	J. Da-Jeng YAO, NTHU, Taiwan <i>Intelligent gas sensing system and its applications</i>
11:00 – 11:30	Harri KOPOLA, VTT, Finland <i>Networked sensors</i>
11:30 – 12:00	Frédéric LAMARQUE, CNRS/UTC, France <i>Micro-nano transportation at UTC : smart surfaces, arrays of microchannels and biomimetics materials</i>
12:00 – 13:30	Group picture and set lunch
13:30 – 14:00	<b>Invited talk</b> Rafał WALCZAK, Wrocław Univ. Tech., Poland <i>Multichannel Fluorescence Detection for Lab-On-a-Chip Life-Science Applications</i>
<b>Session 2A: Microfluidics and bio devices</b>	
14:00 – 14:30	Roland ZENGERLE, IMTEK/Univ. Freiburg, Germany <i>Advanced Centrifugal Microfluidics for Point-of-Care Diagnostics</i>
14:30 – 14:45	Break
<b>Session 2B: Microfluidics and bio-devices</b>	
14:45 – 15:15	Bruno LE PIOUFLE, CNRS/Satie, France <i>Microfluidic biochips for the mechanical and dielectrical screening of single cells</i>
15:15 – 15:45	Hamida HALLIL, CNRS/IMS, France <i>Ultrasensitive Acoustic and Electromagnetic transducers: Application for gas and bio sensing</i>
15:45 – 16:15	Coffee Break
16:15 – 16:45	<b>Invited talk</b> Teodor GOTSZALK, Wrocław Univ. Tech., Poland <i>Metrology and control in/for MEMS/NEMS technology</i>
<b>Session 3: Optical MEMS and metrology</b>	
16:45 – 17:45	Sylwester BARGIEL, CNRS/FEMTO-ST, France <i>Optical imaging microsystems based on vertical multi-wafer integration of MOEMS components</i>
17:45 – 18:15	Sylvain LECLER, CNRS/Icube, France <i>Surface nanotexturing: from photonic nanojets, through optical nanoscopy</i>
18:15 – 19:00	Informal get together
19:00 – 21:00	Gala dinner Spiż Restaurant, Rynek 2 square, Wrocław city centre

## Friday, September 11<sup>th</sup>

Wrocław University of technology, Building CT13, Room 1.28

Wybrzeże Stanisława Wyspiańskiego 23/25, 50-370 Wrocław,

08:45 – 09:00	Welcome and practical information
09:00 – 09:30	<b>Invited talk</b> Virginija JANKAUSKAITE, KUT, Lithuania <i>Structured polymers with Ag nanoparticles for biomedical applications</i>
09:30 – 10:00	<b>Invited talk</b> Mykhaylo LOBUR, Lviv Univ., Ukraine <i>Thermal design system for composite materials</i>
10:00 – 10:30	Coffee Break
<b>Session 4: Nano(structured) materials and applications</b>	
10:30 – 11:00	Eung-Sug LEE, KIMM, South Korea <i>Plasmonic Metal Nanopatterning and Its Applications in Optoelectronics</i>
11:00 – 11:30	Jouni AHOLPETO, VTT, Finland <i>Confined phonons in ultra-thin silicon membranes</i>
<b>Session 5A: Micro/nano systems</b>	
11:30 – 12:00	Hiroyuki FUJITA, CIRMM-IIS-Univ. Tokyo, Japan <i>New developments in CIRMM related activities</i>
12:00 – 13:30	Set lunch
<b>Session 5B: Micro/nano systems</b>	
13:30 – 14:00	Kukjin CHUN, Seoul National University, South Korea <i>Tunable multi-aperture for simultaneous Imaging and Ranging</i>
14:00 – 14:30	Bogdan VISOSTKYI, CNRS/IEF, France <i>Development of a frequency-up mechanism for energy harvesting in biomedical applications</i>
14:30 – 14:45	Break
14:45 – 15:15	<b>Invited talk</b> Ryszard JACHOWICZ, Warsaw Univ. Tech., Poland <i>Microsensors and MEMS, technology, wireless systems and their medical application</i>
<b>Session 6: Medical sensors</b>	
15:15 – 15:45	Oliver PAUL, IMTEK/ Univ. Freiburg, Germany <i>The Cluster of Excellence BrainLinks-BrainTools at the University of Freiburg</i>
15:45 – 16:15	Coffee Break
<b>Session 7: Vacuum Packaging</b>	
16:15 – 16:45	Alain BOSSEBOEUF, CNRS/IEF, France <i>Wafer bonding and getter films for vacuum wafer-level packaging</i>
16:45 – 17:00	Alain BOSSEBOEUF, NAMIS network coordinator <i>Next NAMIS events</i>
17:00 – 19:30	Transfer and visit of Panorama Raclawicka and city center
19:30 – 21:00	Dinner Bernard Restaurant, Rynek 35 square, Wrocław city centre