



DAY 1 - Monday 13th June 2022

- 9 : 00 Welcome coffee and opening talk
by Dr Mohamed Kaâniche, LAAS-CNRS director
- 9 : 35 LIMMS general presentation
by Dr Sebastian Volz and Prof. Masahiro Nomura, LIMMS directors
- 10 : 05 LIMMS Kiko & C2C presentation
by Prof. Beomjoon Kim, director of LIMMS Kiko
- 10 : 15 LAAS-CNRS general presentation
by Dr Mohamed Kaâniche

10 : 45 / *coffee break*

- 11 : 00 Energy related activities
1. General Presentation, Prof. Masahiro Nomura and Dr Sylvain Chambon LIMMS
 2. Lab Activities in LIMMS: Hirakawa, Takahashi, Toshiyoshi and Nomura Labs
 3. *Nanothermite materials to drive high-energy actuations in microsystems*, Dr Carole Rossi LAAS-CNRS
 4. *III-V semiconductor-based photovoltaics at LAAS-CNRS*, Dr Ines Massiot LAAS-CNRS
 5. *Recent advances on microsupercapacitors as miniaturized energy-storage components*,
Dr David Pech LAAS-CNRS

12 : 30 / *lunch*

- 14 : 00 Sensor related activities
1. General Presentation, Prof. Tsuyoshi Minami and Dr Nicolas Clement LIMMS
 2. Lab Activities in LIMMS: Someya, Kawakatsu, Beomjoon Kim, Minami and Mita Labs
 3. *Bioelectrochemical sensors for the liquid phase analysis*, Dr Pierre Temple-Boyer LAAS-CNRS
 4. *Batch fabrication of ultrathin neural probes with electrochemical detection of neurotransmitters*,
Dr Christian Bergaud LAAS-CNRS
 5. *Microwaving biological cells: an analytic non-invasive and non-destructive cellular analysis*,
Dr Katia Grenier LAAS-CNRS

- 15 : 30 Poster session & how to join LIMMS
All LIMMS professors

16 : 30 / **END OF THE FIRST DAY**

DAY 2 - Tuesday 14th June 2022

9 : 00 / *welcome coffee*

9 : 30 **Bio Engineering activities**

1. General Presentation, Prof. Yukiko Matsunaga and Dr Aurélien Bancaud, LIMMS
2. Lab Activities in LIMMS: Ikeuchi, Kohno, Sakai, Someya, and Takeuchi Labs.
3. *Cells under pressure: impact of spatial confinement on cell proliferation*, Dr Morgan Delarue LAAS-CNRS
4. *Development of 3D microenvironment models for tissue engineering*, Dr Laurent Malaquin LAAS-CNRS
5. *Neuron-on-chip for high resolution electrophysiology*, Dr Guilhem Larrieu LAAS-CNRS

11 : 00 / *coffee break*

11 : 20 **Molecular Nano Technology**

1. General Presentation, Prof. Soo Hyeon Kim and Dr Anthony Genot, LIMMS
2. *Microfluidics to probe (bio)mimetic systems*, Dr Pierre Joseph LAAS-CNRS
3. *Molecular modeling for DNA technologies*, Dr Marie Brut LAAS-CNRS

12 : 30 / *lunch*

13 : 30 **LAAS-CNRS lab tour**

17 : 00 / *closure cocktail*

18 : 30 / END OF THE WORKSHOP