

EURALIMMS 2026 SEOUL

EURALIMMS (EUrope Asia – LIMMS) is a CNRS-supported international research network launched in 2024, connecting leading institutions across Europe and Asia — including CNRS (France), the University of Tokyo (Japan), NTU (Taiwan), Helmholtz (Germany), NTU & NUS (Singapore), EPFL (Switzerland), SNU (South Korea), and the University of Twente (The Netherlands) — to **advance research and train young scientists in energy, bioengineering, and quantum & molecular technologies.**



June 14–17, 2026



Seoul National University · Building 39, Room B103

REGISTRATION: Free of charge



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EURALIMMS 2026 Program Schedule

MON · JUN 15

Plenary 50 mins · Invited 20 mins · Young Scientist 15 mins

TIME	SESSION	SPEAKER & TITLE
08:00~08:45		Registration
08:45~09:00		Opening Remarks
09:00~09:50	Plenary Energy	Prof. Yong-Su Na <i>Seoul National University</i> The Road to Fusion Power: Physics, Technology, and the Race to Commercial Energy
09:50~10:30	Invited Molecule	Prof. Soo Hyeon Kim <i>University of Tokyo</i> Advancing Biochemical Assays with Microreactor Arrays and DNA Nanotechnology for Precise Liquid Biopsy Dr. Yannick Coffinier <i>IEMN, CNRS</i> Nanostructured Interfaces for Matrix-Free Mass Spectrometry Detection of Small Molecules
10:30~11:00 · Break		
11:00~12:00	Invited Environment	Prof. Jungwon Park <i>Seoul National University</i> Carbon to X Chemistry for Sustainable Energy Utilization Dr. Hu Zhao <i>Nanyang Technological University</i> From Waste to Hydrogen and Protein: A Solar-Driven Circular Platform for Sewage Sludge Valorization Dr. Yuya Uzunaki <i>NTT Device Technology Labs</i> NTT's Efforts in Artificial Photosynthesis Research: Converting CO ₂ into Fuels Using the Sunlight
12:00~13:00 · Lunch — Rakgujung Restaurant		
13:00~15:00	Invited Brain	Prof. Andreas Offenhäuser <i>Forschungszentrum Jülich</i> Devices That Interact with the Brain: From Nanostructured to Flexible Electrodes Prof. Seongjun Park <i>Seoul National University</i> Next-Generation Neural Interfaces with Fibers and Soft Materials Dr. Guilhem Larrieu <i>LAAS-CNRS</i> 3D Nanoelectrode Arrays for High-Resolution Bioelectronic Interfacing with In Vitro Neural Networks Prof. Gilgueng Hwang <i>LIMMS/CNRS-IIS, University of Tokyo</i> Multiscale Magnetically Actuated Soft Swimmers for On-Chip Transport and Manipulation
15:00 — Adjourn for the day		

TUE · JUN 16

TIME	SESSION	SPEAKER & TITLE
08:00~09:00		Registration
09:00~09:50	Plenary Bio	Prof. Junsang Doh <i>Seoul National University</i> Microfabricated Platforms for Cancer Immunotherapy
09:50~10:30	Invited Nanoelectronics	Prof. Qing-Tai Zhao <i>Forschungszentrum Jülich</i> Energy-Efficient Artificial Synapses and Neurons for Neuromorphic Computing Dr. Nicolas Clément <i>LIMMS/CNRS-IIS</i> Quantum Bioelectrochemistry and Molecular Electronics: Advancing Single-Molecule Technologies for Energy and Health
10:30~11:00 · Break		
11:00~12:00	Invited Soft Matter	Prof. Beomjoon Kim <i>LIMMS/CNRS-IIS, University of Tokyo</i> Enhanced Transdermal Pathways Using Microneedles for Skin Care Applications Dr. Aya Tanaka <i>NTT Basic Research Laboratories</i> Self-Assembled Bio-Soft Microstructures for Biomimetic On-Chip Biological Models Prof. Wonryung Lee <i>Seoul National University</i> Soft Implantable Devices for Continuous Biochemical Monitoring and Wireless Optical Communication
12:00~13:00 · Lunch — Rakgujung Restaurant		
13:00~15:00	Invited Transport	Prof. Masahiro Nomura <i>University of Tokyo</i> Thermal Transport Boost and Diodicity in Graphite Microstructures Dr. Sebastian Volz <i>CNRS, École Polytechnique</i> Phonon Coherence in Heat Conduction Dr. Shao-Yu Chen <i>National Taiwan University</i> Exciton-Activated Light Upconversion in Few-Layer Transition Metal Dichalcogenides
15:00~18:00 · Campus Tour		

18:00~20:00 · Banquet — Rakgujung Restaurant, Building 38, SNU

WED · JUN 17

TIME	SESSION	SPEAKER & TITLE
08:00~09:00		Registration
09:00~09:30	Announcement	EURALIMMS27 Announcement
09:30~10:45	Young Scientist Bio	Dr. Paul Bruand <i>LIMMS/CNRS-IIS, University of Tokyo</i> Light-Directed Data Writing with DNA Sequencing Surfaces Dr. Audrey Cochard <i>LIMMS/CNRS-IIS, University of Tokyo</i> Ligated DNA Nanostar Hydrogels: 3D Scaffolds for Cell Capture and Culture Elouan Julien <i>LIMMS/CNRS-IIS, University of Tokyo</i> Cell-Like Robot Swarm: Encapsulating Molecular Programming into Giant Unilamellar Vesicles (GUV) Sungyeol Kwak <i>Seoul National University</i> 3D Nanofluidic Memristors for Low-Voltage and Nanosecond Scale Neuromorphic Computing Emma Brix <i>IEMN, Université de Lille</i> A Synthetic Biology Platform for Foraminiferal Biomineralization
10:45~11:00 · Break		
11:00~12:00	Young Scientist Energy	Dr. Jihee Park <i>SNU Energy Initiative, Seoul National University</i> In Operando Investigation of Nanoelectrokinetic Phenomena Governing Dendrite Growth at Metal Anodes Shin-Yeong Kim <i>Institute of Chemical Processes, Seoul National University</i> Mechanistic Insights into All-Solid-State Batteries via Operando X-Ray Imaging Ikcheon Na <i>Dept. of Chemistry, Seoul National University, Samsung Advanced Institute of Technology (SAIT), Samsung Electronics Co.</i> Mechanistic Study of Anode Behavior under Low-Pressure Operation in Ag-C Interlayer-Based Anode-Less All-Solid-State Batteries Yu Jae Jang <i>Seoul National University</i> Design of Stainless Steel Bipolar Plates for PEMWE at Revised Operating Potentials
12:00~13:00 · Lunch — Rakgujung Restaurant		
13:00~14:00		Closing Remarks

Dining Venue: Rakgujung

Rakgujung Restaurant,
B1, Building 38
(Global Education Center)

Current Location
Room B103, Building 39

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