



THE **TENTATIVE** PROGRAM

ENEFM 2026

INTERPHOTONICS 2026

12:30-14:00	LUNCH
PARALLEL SESSIONS 14:00-16:20	HALL 1
	Chairperson: Ersin Kayahan
	14:00-14:30 Yoshiyuki Uruma NIT(KOSEN), Yonago College, Japan <i>(invited speaker)</i> ID790- Development and Evaluation of Photosensitizer-Loaded Polymeric Micelles for Targeted Photodynamic Therapy
	14:30-14:50 Nathan Heo Kongju National University, Department of Mechanical Engineering, Korea, Republic Of ID692- Enhancing Mechanical Stability of Nanoporous Pt/C Electrodes via Controlled Thermal Annealing
	14:50-15:10 Pranuda Jivaganont National Energy Technology Center, Thailand ID696- Impacts of PV Input Data Fidelity on PV-BESS Sizing: A Sensitivity Study Using Sizing and Financial Deviation Indices
	15:10-15:30 Weichen Zhang Institute of Science Tokyo, Japan ID794- FUNDAMENTAL STUDY ON THE APPLICATION OF PHOTOACOUSTIC AND LIBS TECHNIQUES FOR UNDERWATER OBJECT CHARACTERIZATION
15:30-16:00 Federica Fernandez University of Palermo, Italy <i>(invited speaker)</i> ID716- Biophilic and Solar-Integrated Façades for Energy-Efficient Buildings: Design Strategies for Reducing Cooling Demand and Enhancing Net-Zero Performance in Climate-Sensitive Urban Contexts	
16:00-16:20 Jean-Sebastien Bridel Extramile materials, Belgium ID682- Scaling Silicon-Based Anodes for Automotive Lithium-Ion Batteries: Lessons from Development to Industrialization	

TENTATIVE PROGRAM
WEDNESDAY, JULY 15, 2026

ENEFM & INTERPHOTONICS

HALL 1

PLENARY SESSION 09:30-10:15	Chairperson: A.Yavuz Oral
PLENARY SESSION 10:15-11:00	Chairperson: A.Yavuz Oral Ehsan Sharifi Adelaide University, Australia "ID676- Urban greenery and energy efficiency in Urban Heat Islands: Knowledge, application and impact in Australia"
11:00- 11:30	COFFEE BREAK
PLENARY SESSION 11:30-12:15	Chairperson: A.Yavuz Oral Saheli Biswas CSIRO, Australia "ID693- Material challenges with proton conducting ceramics for intermediate temperature hydrogenation/dehydrogenation applications"
12:30- 14:00	LUNCH

ENEFM & INTERPHOTONICS

HALL 1

Chairperson: Ersin Kayahan

14:00-14:30

Omorjit Singh Khwairakpam

INFN-LNL, Italy

(invited speaker)

ID19- SPES Laser Ion Source: Existing design and possible upgrades

14:30-15:00

Xiongfeng Pan

Dalian University of Technology, China

(invited speaker)

ID668- How do population aging and sub-replacement fertility affect carbon efficiency in European Economic Area? A multi-level and multivariate mediation analysis of population flow and technological innovation considering spatio-temporal effect

15:00-15:30

Satoshi Fujii

National Institute of Technology, Okinawa college, Japan

(invited speaker)

ID714- Defect Engineering in Semiconductor Lattices through Microwave Heating

15:30-16:00

Frederic Kuznik

INSA LYON, France

(invited speaker)

ID698- Development of Thermochemical Batteries for Sustainable Energy Management: From Materials to Systems

16:00-16:30

Dong-Joon Lee

Korea Research Institute of Standards and Science, Korea, Republic Of

(invited speaker)

ID796- Bandwidth enhanced Electro-optic probing system for millimeter wave measurement

PARALLEL SESSIONS 14:00-16:30

SOCIAL PROGRAM

17:00

17:00 CHAOPHRAYA DINNER CRUISE & ASIATIQUE NIGHT BAZAAR

(Gathering at Congress registration desk)

TENTATIVE PROGRAM
THURSDAY, JULY 16, 2026

ENEFM & INTERPHOTONICS

HALL 1

PLENARY SESSION 09:00-09:45	Chairperson: A. Yavuz Oral
PLENARY SESSION 09:45-10:30	Chairperson: Ersin Kayahan Shuyuan Zhao Harbin Institute of Technology, China "ID809- Microstructural Transition Mechanisms, Radiative Properties Synchronous Characterization and Conduction/Radiation/Reactions Involved Heat Transfer Processes Provoked by Physicochemical Reactions in Aerogel Nanocomposites"
10:30-11:00	COFFEE BREAK
PARALLEL SESSIONS 11:00-12:50	Chairperson: Ersin Kayahan 11:00-11:30 Takahiro Numai Ritsumeikan University, Japan (invited speaker) ID31- SINGLE LONGITUDINAL MODE LASER DIODE - IFRASTRUCTURE OF THE INTERNET 11:30-12:00 Karel Maca Brno University of Technology, Czech Republic (invited speaker) ID799- Processing of transparent polycrystalline ceramics doped with various rare earth elements and transition metals and their luminescent properties 12:00-12:30 Antonio C M Sousa University of Aveiro, Portugal (invited speaker) ID708- A Hydrogen Pathway Toward Sustainable Renewable Energy 12:30-12:50 Chunfei Wang University of Macau, China ID805- Self-Immolative Photosensitizers for Self-Reported Cancer Phototheranostics
12:30-14:00	LUNCH

14:00- 16:00	<i>FOYER (Poster Session Area)</i> <i>Chairperson: A. Yavuz Oral</i> <i>POSTER SESSION</i> <i>ENEFM & INTHERPHOTONICS</i>
-------------------------	--

<i>PROGRAM LEGEND DESCRIPTIONS</i>	
ID-	ENEFM 2026 oral presentations
ID-	INTHERPHOTONICS 2026 oral presentations

TENTATIVE POSTER PROGRAM
THURSDAY, JULY 16, 2026

14:00-16:00

FOYER (Poster Session Area)

Chairperson: A. Yavuz Oral

ENEFM & INTHERPHOTONICS

ID	TITLE	CONTACT AUTHOR
670	GALLIUM-BASED LIQUID METAL DROPLETS SELF-PROPELLED JUMPING AND THE ENERGY CONVERSION PREDICTION BASED ON CONVOLUTIONAL NEURAL NETWORKS	Xiaomin Wu
673	WATER DROPLET IMPACT AND FREEZING ON SPHERICAL SURFACES	Jingchun Min
720	A study on the development of technical standards for the safety of V2L devices	Woncheol Park
25	BORATE CRYSTALS AS FUNCTIONAL MATERIALS FOR PHOTONIC APPLICATIONS	Tatyana Bekker
29	Design and Evaluation of a Three-Stage Elliptical Cavity for Homogenizing the Pumping Distribution in a Solar-pumped Laser	Honami Maki
XX	XX	X