E-MRS 2026 Fall Meeting

14th - 17th September - Warsaw University of Technology - Poland

Young Researcher Awards 2026

Sympo	Name	First Name	Institution	Country	Title
A	**Parasar**	Pragya	French Alternative Energies and Atomic Energy Commission	Poland	Blue-violet laser diodes without quantum wells
A	**Chakraborty**	Shreemoyee	Lund University	Sweden	Atomic Layer Deposition of HfO2 on (Al)GaN studied by AP-XPS
B	**Rassler**	Daniela	University Medical Center Groningen	The Netherlands	Quantum Sensing of Intracellular Free Radicals: Towards Cancer Diagnostics and Evaluation of Treatment
C	**Kwon**	Do-Hoon	Seoul National University	Republic of Korea	Ultra-Sensitive Crack-Based Strain Sensor for Real-time Monitoring of Cortical Dynamics
E	**Ettore**	Coccato	CEA-Irig	France	AlGaN/AlN Based Cathodoluminescent UVC Emitters
H	**Sahu**	Debabrata	Indian Institute of Technology Guwahati	India	Ultralow Energy Optoelectronic Synapse using Halide Perovskite/Organic Semiconductor Heterostructure for Neuromorphic Computing,Optical Logic and Wireless Communication
J	**Ibanez**	Alexandra	Université de Montpellier - CNRS - Laboratoire Charles Coulomb (L2C)	France	Mechanism Ruling Theoretical Performance of DUV Emitters
L	**Czubek**	Jakub	Faculty of Electronics, Telecommunications and Informatics, Gdańsk University of Technology	Poland	Photo-patternable hydrogel phantoms for mimicking pathological optical signatures in human tissue
M	**Aliakbarpour Teimourlouei**	Saeid	Italian Institute of Technology	Italy	Nanozyme engineering for Stable Functionalization at the Biointerface
N	**Piccioni**	Marta	CNR-STIIMA	Italy	Electrospun wool keratin-based scaffolds undergoing gold deposition as promising biomaterials for bone tissue applications
O	**Piccinini**	Michela	University of Perugia, Dept. of Pharmaceutical Sciences	Italy	Design and Characterization of Gallium-Functionalized Hydroxyapatite/Calcium Carbonate Scaffolds for Osteoclast Modulation
P	**Domenico**	Calabrò	University of Catania	Italy	Light-Driven α-Fe_2O_3/Au Janus Micro- and nanorobots as active photocatalytic oxide platforms for self-assembly and Microplastic Capture
P	**Pająk**	Aleksandra	Polytechnique Montréal	Canada	Towards Invisibility of Nanopatterned Transparent Flexible Electrodes
Q	**Gaddimath**	Shivalingayya	Mads Clausen Institute, University of Southern Denmark	Denmark	Tetrapod ZnO and Co-Ni as Structurally Distinct Pt-Based Electrocatalysts: A Comparison Study of HER Performance
Q	**Fangano**	Giorgia	University of Catania	Italy	PHENYL-TRACK: Development of a Platform AI-Supported for home monitoring of Phenylalanine Levels in PKU Patients through enzymatic sensing strategy in real sample / Sens.AI: Biosensor for the recognition of amino acids in IoT platform

R	**Okamoto**	Keisuke	Institute of Science Tokyo	Japan	Material Evaluation of Atomic-Level Au/Polyaniline Hybrid Films Fabricated by Cyclic Au Electrodeposition
R	**Chen**	Yu-Hao	Institute of Science Tokyo	Japan	Cooling-Rate-Controlled Cation Redistribution in Co–Fe Spinel Nanomaterials for Enhanced Photooxidative Catalysis
S	**Gaur**	Pallavi	Indian Institute of Science (IISc)	India	Molecularly Engineered Memristors for Reconfigurable Neuromorphic Functionalities
S	**Sajib**	Roy	Advanced Technology Institute, University of Surrey	United Kingdom	Ultra-sensitive nanofiber-based triboelectric nanogenerator for energy harvesting and self-powered sensing
T	**Chen**	Guan-lin	National Taiwan University	Taiwan	Regioisomeric Fluorination in Donor–Acceptor Conjugated Polymers for Organic Thermoelectrics
U	**Haratizaveh**	Zahra	Technische Hochschule Nürnberg Georg Simon Ohm	Germany	Stochastic Simulation of the Electrical Properties in Nanotube Composites with Spherical Inclusions
W	**Polido**	Beatrice	Ca' Foscari University of Venice	Italy	Tuning Defects and Morphology in TiO2 for Enhanced Photocatalysis
Y	**Haris**	Muhammad	Kaunas University of Technology, Institute of Materials Science	Lithuania	Hybrid ZnO Tetrapods based plasmonic heterostructure for enhanced Hydrogen Evolution