



## **THE PROGRAM**

**INTERM 2026**

**BIOMATSEN 2026**

**NANOMACH 2026**

**SEMIMATER 2026**



**INTERM 2026**  
**13<sup>th</sup> INTERNATIONAL CONGRESS ON MICROSCOPY &  
SPECTROSCOPY**  
APRIL 2-8, 2026

**BIOMATSEN 2026**  
**11<sup>th</sup> INTERNATIONAL CONGRESS ON BIOMATERIALS &  
BIOSENSORS**  
APRIL 2-6, 2026

**NANOMACH 2026**  
**7<sup>th</sup> INTERNATIONAL CONFERENCE ON NANOMATERIALS,  
NANOFABRICATION AND NANOCHARACTERIZATION**  
APRIL 2-8, 2026

**SEMIMATER 2026**  
**3<sup>rd</sup> SEMICONDUCTOR MATERIALS & DEVICE PHYSICS CONFERENCE**  
April 5-8, 2026

**Liberty Hotels Lykia, Oludeniz  
MUGLA / TURKEY**

<b>PROGRAM</b> <b>WEDNESDAY, APRIL 1, 2026</b>	
<i>9:00-16:30</i>	<b>REGISTRATION</b> <i>(14:00 Check-in)</i>
<i>Everyday Tours</i>	<b>SOCIAL PROGRAM</b> <ul style="list-style-type: none"><li>• <i>Saklıkent Jeep Safari</i></li><li>• <i>Paragliding in Oludeniz</i></li></ul>

**PROGRAM**  
**THURSDAY, APRIL 2, 2026**

**INTERM & BIOMATSEN & NANOMACH**

**ARISTO**

<b>PLENARY SESSION</b> 09:30-10:15	<p>Chairperson: <b>A.Yavuz Oral</b></p> <p style="text-align: center;"><b>Murat Pak</b> <b>Imecc, Belgium</b></p> <p style="text-align: center;"><b>“ID...- Lithography in Today’s Microchip Manufacturing: From i-line to HNA EUV”</b></p>
<b>PLENARY SESSION</b> 10:15-11:00	<p>Chairperson: <b>A.Yavuz Oral</b></p> <p style="text-align: center;"><b>Gang Sun</b> <b>University of California, Davis, USA</b></p> <p style="text-align: center;"><b>“ID574- Ultrasensitive Biosensors (f-ELISA) for Rapid Onsite Detection of Biological and Chemical Agents in Fluids”</b></p>
11:00-11:30	<b>COFFEE BREAK</b>
<b>PLENARY SESSION</b> 11:30-12:15	<p>Chairperson: <b>A.Yavuz Oral</b></p> <div style="border: 1px solid red; padding: 5px; display: inline-block; margin: 10px 0;"><b>CANCELLED</b></div> <p style="text-align: center;"><del><b>Thomas Webster</b></del> <del><b>Hebei University of Technology, China &amp; Brown University, USA</b></del></p> <p style="text-align: center;"><del><b>“ID560- Implantable Nano Sensors: Building of off Human Success”</b></del></p>

12:30-14:00	<b>LUNCH</b>	
<b>PARALLEL SESSIONS 14:00-15:20</b>	<p><b>INTERM &amp; BIOMATSEN</b></p> <p><b>ARISTO</b></p> <p>Chairperson: <b>Kay Römer</b></p> <p>14:00-14:30 <b>Kay Römer</b> TU Graz, Austria <b>(invited speaker)</b> <b>ID583- Position Sensing in the Presence of (Bio)obstacles</b></p> <p>14:30-15:00 <b>Qiaoyi Wu</b> The First Affiliated Hospital of Fujian Medical University, China <b>(invited speaker)</b> <b>ID591- Novel Approach for Diabetic Wound Healing: Adipose-Derived Mesenchymal Stromal Cells Exo@Sphydrogel Combined With Laser Therapy</b></p> <p>15:00-15:20 <b>Alba Thio-Pera</b> Procopé Medicals SAS, France <b>ID565- Development of Hemocompatible membranes for total artificial hearts: from manufacturing to in vitro evaluation</b></p>	<p><b>NANOMACH</b></p> <p><b>IBN-I SINA</b></p> <p>Chairperson: <b>Onur Alp Aksan</b></p> <p>14:00-14:20 <b>Onur Alp Aksan</b> Gebze Technical University, Turkiye <b>ID1043- Fabrication of Ca-Doped LaCoO3 Nanofibers via Electrospinning Method</b></p> <p>14:20-14:50 <b>Pablo Botella</b> INSTITUTO DE TECNOLOGIA QUÍMICA (ITQ), Spain <b>(invited speaker)</b> <b>ID1017- Covalent organic frameworks for cancer theranostics</b></p> <p>14:50-15:20 <b>Maria C. Iliuta</b> Université Laval, Canada <b>(invited speaker)</b> <b>ID1010- High-purity biohydrogen production by intensified steam reforming of biomass derivatives over nanocomposite-based hybrid materials</b></p>

<b>PROGRAM</b> <b>FRIDAY, APRIL 3, 2026</b>			
<b>INTERM &amp; BIOMATSEN &amp; NANOMACH</b>			
<b>ARISTO</b>			
<b>PLENARY SESSION</b> 09:30-10:15	<p>Chairperson: <b>A.Yavuz Oral</b></p> <p style="text-align: center;"><b>Cagatay Aydin</b> VIB, Belgium</p> <p style="text-align: center;">“<b>ID...</b>-Decoding the Brain: How AI and Big Data are Revolutionizing Neurological Diagnostics”</p>		
<b>PLENARY SESSION</b> 10:15-11:00	<p>Chairperson: <b>A.Yavuz Oral</b></p> <p style="text-align: center;"><b>Ladislav Kavan</b> J. Heyrovsky Institute of Physical Chemistry, Czech Republic</p> <p style="text-align: center;">“<b>ID1002</b>- Work function and spectro-photo-electrochemistry of ZnO single crystals and thin films”</p>		
11:00-11:30	<b>COFFEE BREAK</b>		
<b>PLENARY SESSION</b> 11:30-12:15	<p>Chairperson: <b>A.Yavuz Oral</b></p> <p style="text-align: center;"><b>Vitaly Gruzdev</b> The ITMO University, Russian Federation</p> <p style="text-align: center;">“<b>ID1048</b>- Few-cycle laser-nanostructure interactions: From ultrafast nanophotonics to petahertz nanoelectronics”</p>		
12:30-14:00	<b>LUNCH</b>		
<b>PARALLEL SESSIONS</b> 14:00-15:30	<table border="0" style="width: 100%;"> <tr> <td style="width: 50%; text-align: center; vertical-align: top;"> <p style="text-align: center;"><b>INTERM &amp; BIOMATSEN</b> <b>ARISTO</b></p> <p>Chairperson: <b>Olga Sokolova</b></p> <p>14:00-14:30 <b>Olga Sokolova</b> Lomonosov Moscow State University, Russian Federation <b>(invited speaker)</b> <b>ID843</b>- The body in the phage capsid - a detective story</p> <p>14:30-15:00 <b>Marian Catalin Grosu</b> The National Research &amp; Development Institute for Textiles and Leather, Romania <b>(invited speaker)</b> <b>ID584</b>- TECHNOLOGICAL SOLUTION FOR THE REALIZATION OF AN AUTOMATIC TRIGGERING SYSTEM FOR GUNSHOT WOUND DETECTION</p> <p>15:00-15:30 <b>Fatemeh Hassaninejad Farahani</b> Tehran University of Medical Science, Iran <b>(invited speaker)</b> <b>ID594</b>- Next-Generation Wound Dressings: Lyophilized Synbiotic Microparticles for the Management of Infected Burn Wounds</p> </td> <td style="width: 50%; text-align: center; vertical-align: top;"> <p style="text-align: center;"><b>NANOMACH</b> <b>IBN-I SINA</b></p> <p>Chairperson: <b>Ewa Mijowska</b></p> <p>14:00-14:30 <b>Ewa Mijowska</b> West Pomeranian University of Technology in Szczecin, Poland <b>(invited speaker)</b> <b>ID1013</b>- Molybdenum disulfide based for electrocatalysts- new insights into hydrogen evolution</p> <p>14:30-15:00 <b>Huseyin Sar</b> IMEC, Belgium <b>(invited speaker)</b> <b>ID1051</b>- Silicon Photonics Testing: Challenges, Bottlenecks, and Emerging Innovations</p> <p>15:00-15:20 <b>Mehmet Emre Aköz</b> Gebze Technical University, Turkiye <b>ID1044</b>- Design and Optimization of Synthetic Antiferromagnetic Structures for p-MTJ Devices</p> </td> </tr> </table>	<p style="text-align: center;"><b>INTERM &amp; BIOMATSEN</b> <b>ARISTO</b></p> <p>Chairperson: <b>Olga Sokolova</b></p> <p>14:00-14:30 <b>Olga Sokolova</b> Lomonosov Moscow State University, Russian Federation <b>(invited speaker)</b> <b>ID843</b>- The body in the phage capsid - a detective story</p> <p>14:30-15:00 <b>Marian Catalin Grosu</b> The National Research &amp; Development Institute for Textiles and Leather, Romania <b>(invited speaker)</b> <b>ID584</b>- TECHNOLOGICAL SOLUTION FOR THE REALIZATION OF AN AUTOMATIC TRIGGERING SYSTEM FOR GUNSHOT WOUND DETECTION</p> <p>15:00-15:30 <b>Fatemeh Hassaninejad Farahani</b> Tehran University of Medical Science, Iran <b>(invited speaker)</b> <b>ID594</b>- Next-Generation Wound Dressings: Lyophilized Synbiotic Microparticles for the Management of Infected Burn Wounds</p>	<p style="text-align: center;"><b>NANOMACH</b> <b>IBN-I SINA</b></p> <p>Chairperson: <b>Ewa Mijowska</b></p> <p>14:00-14:30 <b>Ewa Mijowska</b> West Pomeranian University of Technology in Szczecin, Poland <b>(invited speaker)</b> <b>ID1013</b>- Molybdenum disulfide based for electrocatalysts- new insights into hydrogen evolution</p> <p>14:30-15:00 <b>Huseyin Sar</b> IMEC, Belgium <b>(invited speaker)</b> <b>ID1051</b>- Silicon Photonics Testing: Challenges, Bottlenecks, and Emerging Innovations</p> <p>15:00-15:20 <b>Mehmet Emre Aköz</b> Gebze Technical University, Turkiye <b>ID1044</b>- Design and Optimization of Synthetic Antiferromagnetic Structures for p-MTJ Devices</p>
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<b>PROGRAM</b>	
<b>SATURDAY, APRIL 4, 2026</b>	
<b>INTERM &amp; BIOMATSEN &amp; NANOMACH</b>	
<b>ARISTO</b>	
<b>PLENARY SESSION</b> 09:30-10:15	<p>Chairperson: <b>A.Yavuz Oral</b></p> <p style="text-align: center;"><b>Susan Gibbs</b></p> <p style="text-align: center;"><b>Amsterdam University Medical Center, Netherlands</b></p> <p style="text-align: center;"><b>"ID568- Towards a multi-Organ-on-Chip model combining skin, lymph node and vasculature for mimicking innate and adaptive immune responses"</b></p>
<b>PLENARY SESSION</b> 10:15-11:00	<p>Chairperson: <b>A.Yavuz Oral</b></p> <p style="text-align: center;"><b>Hendrik Swart</b></p> <p style="text-align: center;"><b>University of the Free State, South Africa</b></p> <p style="text-align: center;"><b>"ID846- Multifunctional Lanthanide-doped Oxyfluoride Nanophosphors for Luminescence Thermometry and Latent Fingerprint Detection"</b></p>
11:00- 11:30	<b>COFFEE BREAK</b>
<b>PLENARY SESSION</b> 11:30-12:15	<p>Chairperson: <b>A.Yavuz Oral</b></p> <p style="text-align: center;"><b>Fang Xie</b></p> <p style="text-align: center;"><b>Imperial College London, UK</b></p> <p style="text-align: center;"><b>"ID598- Harnessing Plasmonic Nanomaterials for Enhanced Optical Sensing and NIR-II Imaging"</b></p>
12:30- 13:15	<b>LUNCH</b>

13:15-18:00	<p><b><i>SOCIAL PROGRAM</i></b></p> <p><b><i>13:15-18:00 THE BOAT CRUISE AROUND EXCELLENT BAYS OF BLUE LAGOON &amp; VISIT TO St. NICHOLAS ISLAND</i></b></p> <p><i>(Gathering at Congress registration desk)</i></p>
19:30-21:30	<p><b><i>SPECIAL DINNER WITH INTERM &amp; BIOMATSEN &amp; NANOMACH PLENARY - INVITED SPEAKERS</i></b></p> <p><b><i>(Authentic Turkish Cuisine)</i></b></p>

<p><b>PROGRAM</b></p> <p><b>SUNDAY, APRIL 5, 2026</b></p>	
<p><b>INTERM &amp; BIOMATSEN &amp; NANOMACH &amp; SEMIMATER</b></p>	
	<p><b>ARISTO</b></p>
<p><b>PLENARY SESSION</b> 09:30-10:15</p>	<p>Chairperson: <b>A.Yavuz Oral</b></p> <p style="text-align: center;"><b>Rodica Voicu</b></p> <p style="text-align: center;"><b>National Institute for Research and Development in Microtechnologies - IMT Bucharest, Romania</b></p> <p style="text-align: center;"><b>“ID849- MICROGRIPPERS ELECTRO-THERMALLY ACTUATED BASED SEMICONDUCTORS AND POLYMERS MATERIALS”</b></p>
<p><b>PLENARY SESSION</b> 10:15-11:00</p>	<p>Chairperson: <b>A.Yavuz Oral</b></p> <p style="text-align: center;"><b>Alexander Khmaladze</b></p> <p style="text-align: center;"><b>SUNY at Albany, USA</b></p> <p style="text-align: center;"><b>“ID857- Machine Learning Based Raman Spectral Analysis of Complex Biological Systems”</b></p>
<p>11:00-11:30</p>	<p><b>COFFEE BREAK</b></p>
<p><b>PLENARY SESSION</b> 11:30-12:15</p>	<p>Chairperson: <b>A.Yavuz Oral</b></p> <p style="text-align: center;"><b>Todor Zhelyazov</b></p> <p style="text-align: center;"><b>Bulgarian Academy of Sciences, Bulgaria</b></p> <p style="text-align: center;"><b>“ID853- Analyzing the response of intelligent material containing a self-healing agent”</b></p>
<p>12:30-14:00</p>	<p><b>LUNCH</b></p>
<p><b>PARALLEL SESSIONS</b> 14:00-15:50</p>	<p style="text-align: center;"><b>INTERM &amp; BIOMATSEN &amp; NANOMACH &amp; SEMIMATER</b></p> <p style="text-align: center;"><b>ARISTO</b></p> <p>Chairperson: <b>Ekaterina Silina</b></p> <p>14:00-14:30 <b>Ekaterina Silina</b> Sechenov First Moscow State Medical University (Sechenov University), Russian Federation</p>

	<p><b>(invited speaker)</b>  <b>ID1023-</b> Development of redox-active nanomaterials based on cerium phosphate nanoparticles for biomedical applications</p> <p>14:30-14:50  <b>Olga D. Hendrickson</b>  Bach Institute of Biochemistry, Research Center of Biotechnology of the Russian Academy of Sciences, Russian Federation  <b>ID575-</b> Enantiospecific biosensor for antibiotics detection based on lateral flow testing</p> <p>14:50-15:20  <b>Klaudia Zielinkiewicz</b>  West Pomeranian University of Technology in Szczecin, Poland  <b>(invited speaker)</b>  <b>ID1012-</b> Tuning Hydrogen Adsorption on Pt/C through CaO-Induced electron Spin redistribution: Experimental and DFT Mechanistic Study</p>
15:20-16:00	<b>COFFEE BREAK</b>
16:00-17:00	<p><b>FOYER (Poster Session Area)</b></p> <p>Chairperson: A. Yavuz Oral</p> <p><b>POSTER SESSION</b></p> <p><b>INTERM &amp; BIOMATSEN &amp; NANOMACH &amp; SEMIMATER</b></p>

<b>PROGRAM</b>	
<b>MONDAY, APRIL 6, 2026</b>	
<b>INTERM &amp; BIOMATSEN &amp; NANOMACH &amp; SEMIMATER</b>	
<b>ARISTO</b>	
<b>PLENARY SESSION</b> 09:30-10:15	<p>Chairperson: <b>A.Yavuz Oral</b></p> <p style="text-align: center;"><b>Roman Gorbachev</b>  <b>University of Manchester, UK</b></p> <p style="text-align: center;"><b>“ID1049- Van der Waals Heterostructures”</b></p>
<b>PLENARY SESSION</b> 10:15-11:00	<p>Chairperson: <b>A.Yavuz Oral</b></p> <p style="text-align: center;"><b>Nilanthy Balakrishnan</b>  <b>Keele University, UK</b></p> <p style="text-align: center;"><b>“ID1006- All solid-state supercapacitor with natural rubber-based solid polymer electrolyte and 2D materials-based electrodes”</b></p>
11:00-11:30	<b>COFFEE BREAK</b>
<b>PLENARY SESSION</b> 11:30-12:15	<p>Chairperson: <b>A.Yavuz Oral</b></p> <p style="text-align: center;"><b>Eugeny V Kryukov</b>  <b>Cryogenic Ltd., UK</b></p> <p style="text-align: center;"><b>“ID837- Cryogen-free technology for applications in Magnetic Resonance”</b></p>
12:30-14:00	<b>LUNCH</b>

PARALLEL SESSIONS 14:00-15:50	<b>INTERM &amp; BIOMATSEN &amp; NANOMACH &amp; SEMIMATER</b>
	<b>ARISTO</b>
	<p><b>Chairperson: Mauro Tortello</b></p> <p>14:00-14:30  <b>Mauro Tortello</b>          Politecnico di Torino, Italy  <i>(invited speaker)</i>  <b>ID838-</b> Thermal Properties of CVD Graphene by Scanning Thermal Microscopy and Finite-Elements Analysis</p>
	<p>14:30-15:00  <b>Gunther Van Kerckhove</b>          OCSiAl Europe Sarl, Luxembourg  <i>(invited speaker)</i>  <b>ID1015-</b> Importance of exposure assessment along life cycle of nanocomposites</p>
	<p>15:00-15:30  <b>Joshua Nehinbe</b>          Edo State University, Nigeria  <i>(invited speaker)</i>  <b>ID1-</b> Formal Gate-Level Transformation Theorems for IP-Aware Functional Equivalence in Digital Logic Design</p>
	<p>15:30-16:00  <b>Sarah Haigh</b>          University of Manchester, UK  <i>(invited speaker)</i>  <b>ID1050-</b> Advanced Transmission Electron Microscopy for understanding functional oxides and nanomaterials</p>
	<p>16:00-16:30  <b>Barbara Pieczyrak</b>          University of Wroclaw, Poland  <i>(invited speaker)</i>  <b>ID1040-</b> Electronic and magnetic properties of salophene-based molecular systems on noble metal surfaces</p>
19:30-21:30	<p><b>SPECIAL DINNER WITH SEMIMATER &amp; SCITEED &amp; DIGIAI SOCIETY PLENARY - INVITED SPEAKERS</b></p> <p><i>(Authentic Turkish Cuisine)</i></p>

<b>PROGRAM</b>	
<b>TUESDAY, APRIL 7, 2026</b>	
<b>INTERM &amp; NANOMACH &amp; SEMIMATER</b>	
<b>ARISTO</b>	
PLENARY SESSION 09:30-10:15	<p>Chairperson: <b>Ersin Kayahan</b></p> <p style="text-align: center;"><b>Christa Willnauer</b>  <b>Infineon Technologies Dresden AG &amp; Co. KG, Germany</b></p> <p style="text-align: center;"><b>"ID11-</b> The incoming clean of raw silicon wafers and its challenges: applying the T6sigma methods to the root cause evaluation"</p>
PLENARY SESSION 10:15-11:00	<p>Chairperson: <b>Ersin Kayahan</b></p> <p style="text-align: center;"><b>Kuan-Wei Lee</b>  <b>I-Shou University, Taiwan</b></p> <p style="text-align: center;"><b>"ID1041-</b> Global Semiconductor Industry Trends and Developments: Insights from Taiwan"</p>

11:00-11:30	<b>COFFEE BREAK</b>
PLENARY SESSION 11:30-12:15	<p>Chairperson: <b>Ersin Kayahan</b></p> <p style="text-align: center;"><b>Uwe Bandelow</b></p> <p style="text-align: center;"><b>Weierstrass Institute for Applied Analysis and Stochastics (WIAS), Germany</b></p> <p style="text-align: center;"><b>“ID8- Modeling and Simulation of the dynamics in semiconductor lasers”</b></p>
12:30-14:00	<b>LUNCH</b>
PARALLEL SESSIONS 14:00-16:10	<p style="text-align: center;"><b>INTERM &amp; NANOMACH &amp; SEMIMATER</b></p> <p style="text-align: center;"><b>ARISTO</b></p> <p>Chairperson: <b>Ersin Kayahan</b></p> <p>14:00-14:30 <b>Elena Orlenko</b> Peter the Great Saint-Petersburg Polytechnic University, Russian Federation <b>(invited speaker)</b> <b>ID5- COHERENT PHONON STATES IN HEAT TRANSFER IN NANOMATERIALS WITH DIFFERENT SIZE DIMENSION</b></p> <p>14:30-14:50 <b>Kgomotso Mtshatsheni</b> VAAL UNIVERSITY OF TECHNOLOGY, South Africa <b>ID1009- PINECONE-BASED ADSORPTIVE BIONANOCOMPOSITES AS MODIFIERS FOR MONODOPED AND CO-DOPED AMORPHOUS TiO2 for use in wastewater remediation</b></p> <p>14:50-15:20 <b>Irena Kostova</b> Medical University-sofia, Bulgaria <b>(invited speaker)</b> <b>ID858- DFT and Spectral Investigations of Bioactive Lanthanide Complexes</b></p> <p>15:20-15:50 <b>Igor Kuskovsky</b> The City University of New York, USA <b>(invited speaker)</b> <b>ID3- Type-II Submonolayer CdTe/ZnCdSe Quantum Dots as an Active Layer for Intermediate Band Solar Cells</b></p> <p>15:50-16:20 <b>Mauro Menichelli</b> INFN Perugia, Italy <b>(invited speaker)</b> <b>ID9- STATUS AND PERSPECTIVES OF THE HASPIDE PROJECT AIMING AT THE FABRICATION AND TESTING OF HYDROGENATED AMORPHOUS SILICON RADIATION DETECTORS FOR HIGH ENERGY PHYSICS, MEDICAL AND SPACE APPLICATIONS</b></p> <p>16:20-16:40 <b>Vala Can Askan</b> Gebze Technical University, Turkiye <b>ID1045- Urea-Derived Nitrogen Incorporation in Laser-Induced Graphene for Tunable Thermoelectric Response</b></p>

**PROGRAM**  
**WEDNESDAY, APRIL 8, 2026**

**INTERM & NANOMACH & SEMIMATER**  
**ARISTO**

<b>PLENARY SESSION</b> 09:30-10:15	<p>Chairperson: <b>Vala Can Askan</b></p> <p style="text-align: center;"><b>Thomas Webster</b> <b>Hebei University of Technology, China &amp; Brown University, USA</b></p> <p style="text-align: center;">“<b>Record</b>-Microscopy and Nanomedicine: Understanding Nanomaterial Control Over Cells”</p>
<b>PLENARY SESSION</b> 10:15-11:00	<p>Chairperson: <b>Vala Can Askan</b></p> <p style="text-align: center;"><b>Sebastian Schlücker</b> <b>University of Duisburg-Essen, Germany</b></p> <p style="text-align: center;">“<b>ID851</b>- SERS-Based Biophotonics: From Nanotags to Microscopy and POCT”</p>
11:00- 11:30	<b>COFFEE BREAK</b>
<b>PLENARY SESSION</b> 11:30-12:15	<p>Chairperson: <b>Vala Can Askan</b></p> <p style="text-align: center;"><b>Horace Crogman</b> <b>California State University, USA</b></p> <p style="text-align: center;">“<b>ID1046</b>- Topologically Protected Quantum Teleportation via Majorana Zero Modes: A Measurement-Only Approach for Scalability and Decoherence Immunity”</p>
13:15-18:00	<p style="text-align: center;"><b><i>SOCIAL PROGRAM</i></b></p> <p style="text-align: center;">13:15-18:00 <b><i>GHOST TOWN &amp; BLUE LAGOON</i></b></p> <p style="text-align: center;"><i>(Gathering at Congress registration desk)</i></p>

<b>PROGRAM</b> <b>THURSDAY, APRIL 9, 2026</b>	
12:00	<p><b>Leisure Time</b></p> <p>Liberty Hotels Lykia offers a premium leisure experience with extensive amenities and a stunning natural setting. The resort features a private beach, multiple swimming pools, an aquapark, diverse dining options, sports facilities, and a fully equipped spa and wellness centre. Combining comfort, entertainment, and relaxation, it provides an ideal atmosphere for guests seeking both tranquillity and active recreation throughout their stay.</p>
12:00	<b><i>HOTEL CHECK OUT</i></b>

<b>PROGRAM LEGEND DESCRIPTIONS</b>	
<b>ID-</b>	<b>INTERM 2026 oral presentations</b>
<b>ID-</b>	<b>BIOMATSEN 2026 oral presentations</b>
<b>ID-</b>	<b>NANOMACH 2026 oral presentations</b>
<b>ID-</b>	<b>SEMIMATER 2026 oral presentations</b>

**POSTER PROGRAM**  
**SUNDAY, APRIL 5, 2026**  
**16:00-17:00**

**FOYER (Poster Session Area)**

Chairperson: A. Yavuz Oral

**POSTER SESSION**

**INTERM & BIOMATSEN & NANOMACH & SEMIMATER**

ID	TITLE	CONTACT AUTHOR
856	Investigations on the Structural Evolution of LSC Nanofibers	Onur Alp Aksan
585	ADVANCED BIOACTIVE TEXTILE SYSTEMS WITH ENHANCED ANTIBACTERIAL PERFORMANCE FOR THE MANAGEMENT OF POST-TRAUMATIC SKIN INFECTIONS	Maria Felicia Dondea
576	LATERAL FLOW IMMUNOASSAY OF BETA-AGONIST MABUTEROL USING AU@CE NANOPARTICLES AS A SIGNAL-ENHANCING LABEL	Elena A. Zvereva
1008	Structure–Function Relationships of Engineered Oxide Nanoparticles for Wettability Alteration in Porous Media	Nyeso Azubuike
1016	GREEN NANOTECHNOLOGY: THE PROMISE OF BIOPOLYMERS EMULSIONS IN CRAFTING THE NEXT GENERATION OF ECO-FRIENDLY PESTICIDES	Christian Andreasen
1037	IMPACT OF PORE STRUCTURE AND SURFACE MODIFICATION ON LOADING CAPACITY AND DRUG RELEASE PROFILES OF TWO TYPES OF CUBIC MESOPOROUS SILICAS LOADED WITH THE FLUOROQUINOLONE ANTIBIOTIC LOMEFLOXACIN	Borislav Tzankov
1038	DESIGN OF MCM-41 MESOPOROUS SILICA NANOPARTICLES FOR DELIVERY OF PYRROLE HYDRAZONES AND IMPROVEMENT OF THEIR BIOPHARMACEUTICAL PROPERTIES	Diana Tzankova
1025	Liquid-phase aerobic oxidation of pentadecane in the presence ultrasonic pretreatment of fullerene soot	Aliyeva Aygun
1005	Grafting Bulrush with Acrylic Acid using Fenton's Redox Initiator for the Removal of Methylene Blue Dye from an Aqueous Solution	Nozipho Mabaso