

	26/05/2018	27/05/2018	28/05/2018	29/05/2018
08:00-10:00	REGISTRATION			
09:30:10:00	<p>OPENING ADDRESSES</p> <p>Prof. Dr. Adem Şahin (President of TOBB ETU)</p> <p>Prof. Dr. Mehmet Mutlu KONNECT PROJECT General Director</p>			
10:00-11:00	<p>New functional polymeric materials thanks to plasma technology</p> <p>Fabienne Poncin-Epaillard University of Lemans France</p>	<p>Plasma aided biosensor design and applications</p> <p>Mehmet Mutlu TOBB University of Economics and Technology Turkiye</p>	<p>Molecular design, synthesis, and characterization of conjugated polymers for interfacing electronic biomedical devices with living tissues</p> <p>David Charles Martin University of Delaware USA</p>	<p>Discovering new functional biomaterials for implantable biotic-abiotic interfaces and eco-friendly devices</p> <p>Bong Sup Shim INHA University South Korea</p>
11:00-12:00	<p>Properties of in-line processed cellulose nanocrystals</p> <p>Milan Simek Czech Academy of Science Czechia</p>	<p>Scavenging of mechanical energy for self-powered sensor systems</p> <p>Minbaek Lee INHA University South Korea</p>	<p>3D Printer Technology for Biomedical Applications</p> <p>Osman Eroğul TOBB University of Economics and Technology Turkiye</p>	<p>Precision engineering of semiconductor nanostructures for next generation electronic devices</p> <p>Naechul Shin INHA University South Korea</p>
12:00-13:00	<p>Double discharge plasma polymerization (DBD) technique and its applications</p> <p>Hilal Göktaş Çanakkale Onsekiz Mart University Turkiye</p>	<p>Plasma Sterilization, Detoxification and Decontamination</p> <p>Beyhan Günaydın Daşan Hacettepe University Turkiye</p>	<p>Image guided locoregional drug delivery and therapy; (microparticle, macrogel, tumor adhesive hydrogel and others)</p> <p>Su Geun Yang INHA University South Korea</p>	<p>From plasma polymerization to nanoparticle production and nanostructured films</p> <p>Jan Hanus Charles University Czechia</p>
13:00-14:00	LUNCH			
14:00-15:00	<p>System for in-line processing of soft granular matter by surface DBD based jet</p> <p>Vaclac Prukner Czech Academy of Science Czechia</p>	<p>A new approach for phenylketonuria diagnosis</p> <p>Gizem Kaleli Can TOBB University of Economics and Technology Turkiye</p>	<p>Fundamentals of Design on Nanomaterial Aided Biomedical Devices</p> <p>Dilek Çökeliler Serdaroğlu Baskent University Turkiye</p>	<p>Contactless manipulation of soft robots</p> <p>Jeongjae Wie INHA University South Korea</p>
15:00-15:20	<p>Melanin: Natural multifunctional materials and their applications</p> <p>Taesik Eom</p>	<p>Multifunctional melanin-like nanoparticles for cancer therapy</p> <p>Sumin Kang</p>	<p>Cellulose-based nanocomposites for improving mechanical properties</p> <p>Kyeonga Her</p>	<p>Magnetically active Helical soft robots</p> <p>Jeongeun Park</p>
15:20-15:40	<p>In-vitro amyloidization of proteins and their applications</p> <p>Gözde Kabay</p>	<p>Doxorubicin loaded melanin nanoparticles as theranostic vehicle for breast cancer</p> <p>Buşra Özlü</p>	<p>Biocatalytic protein nanofibers produced by electrospinning</p> <p>Merve Demir</p>	<p>Biomedical engineering and expectations of medical sciences</p> <p>Gökhan Şahin</p>
15:40-16:00	<p>Designing an immunosensor with quartz tuning fork</p> <p>Hatice Ferda Özgüzar</p>	<p>Electrochemical detection of chromium (VI) based on melanin nanospheres decorated screen printed carbon electrode</p> <p>Enes Demirtaş Çelik</p>	<p>Controlled release of a hydrophilic drug from coaxially electrospun polycaprolactone nanofibers</p> <p>Pınar Filizkiran</p>	<p>Antitumor property of pyrrole doped electrospun PCL fibrous scaffold: a novel breast cancer therapy</p> <p>Ahmet Ersin Meydan</p>
16:00-16:30	COFFEE BREAK			
16:30-16:50	STUDENT PRESENTATIONS			
16:50-17:10				
17:10-17:30				