

THURSDAY, 11.09 / Room B-70				
	Abstract ID	Presenter	Title	Session Chair
8:30 - 8:45				Novosad/ Karapetrov
8:45 - 9:00				
9:00 - 9:15	1773	Martin Gmitra	Proximity-induced Effects and Spintronics of Graphene-based Heterostructures	
9:15 - 9:30				
9:30 - 9:45	1484	Martin Mosko	Point Contact Spectroscopy of Disordered Superconductors: Disorder-Enhanced Andreev	
9:45 - 10:00			Conductance Peak	
10:00 - 10:15	1574	Oleksandr Dobrovolskiy	Vortex Jets in 2D and 3D Superconductor Nanomembranes	Lodi
10:15 - 10:30				
10:30 - 11:00	Coffee Break			
11:00 - 11:15	1798	Paulina Chytrosz-Wróbel	Surface Functionalization of Polyurethane via Oxygen, Ammonia, and Fluorine Plasma Treatments: Chemical Modifications and Bacterial Response	
11:15 - 11:30	1716	Jüri Laanoja	Chitosan-Copper Oxide Nanocomposites: Synthesis, Antibacterial Efficacy, and Cytotoxicity	
11:30 - 11:45	1610	Beata Bielska	Evaluation of Chitosan Nanocomposites in Wound Therapy: Potential of Biocompatible Dressing Materials	
11:45 - Noon	1649	Alexandra Nicolae-Maranciuc	Silver Nanoparticles-Natural Compounds Green Formulations as Antibacterial Agents for Hybrid Hydrogels Encapsulation	Meli
Noon - 12:15	1432	Saúl Antonio Hernández Martínez	Immobilized Nucleoside 2'-Deoxyribosyltransferases from Extremophiles for Nucleoside Biocatalysis	
12:15 - 12:30	1811	Aleksandra Zawadzka	Electrospun Polycaprolactone Membranes for Wound Dressing Application: Insight from in vitro Study	
12:30 - 12:45				
12:45 - 2:00	Lunch			
2:00 - 2:15	1908	Albano Carlo Meli	Modeling Neurocardiac Interactions and Disorders Using Patient-derived Organ-on-Chip	
2:15 - 2:30				
2:30 - 2:45	1451	Svetlana Yefimova	ANTI-INFLAMMATORY WOUND HEALING AGENT ON THE BASE OF GdVO4:Eu3+ NANOPARTICLES	
2:45 - 3:00	1483	Volodymyr Buranych	Composite Material with Anti-Biofilm Activity Based on Bacterial Cellulose, MXene and Hydroxyapatite	
3:00 - 3:15	1407	Rizul Gautam	Smart Biomaterial: Self-Healing Injectable Hydrogel for Controlled NIR-Triggered Drug Release	
3:15 - 3:30	1508	Om Prakash	Development of MoS ₂ Nanoflowers Decorated with Gold Nanostructures for High-Performance SERS Applications	
3:30 - 4:00	Coffee Break			
4:00 - 4:15	1701	Neha S.L.	Development Optimization and Evaluation of Intranasal Drug Delivery System of Dopamine Hydrochloride Loaded NLC for Parkinson's Disease	
4:15 - 4:30	1554	Fatimah Jacinto	Potential Antifungal Activity Against Aspergillus Ochraceopetaliformis of ZnO Nanoparticles Prepared by Precipitation Method	Poster Session 3
4:30 - 4:45	1504	Kalyan Vaid	Electrochemical Precision in Bio-Lipid Membrane Engineering: Enabling Next-Generation Targeted Drug Delivery Systems	
4:45 - 5:00				
5:00 - 5:15				
5:15 - 5:30				
5:30 - 6:00				
6:00 - 6:30				
6:30 - 7:00				
7:00 - 7:30				
7:30 - 8:00				
8:00 - 9:00				

THURSDAY, 11.09 / Room C-70				
	Abstract ID	Presenter	Title	Session Chair
8:30 - 8:45				Tannenbaum
8:45 - 9:00				
9:00 - 9:15	1725	Arunas Ramanavicius	Towards protein-imprinted molecularly imprinted polymers	
9:15 - 9:30				
9:30 - 9:45	1605	Leo Sala	Ionizing Radiation Effects on DNA Nanoplatfoms for Data Storage	Ramanavicius
9:45 - 10:00				
10:00 - 10:15	1583	Georgios Ch. Sirakoulis	Engineered Living Materials with Mycelium: From Modelling to Hardware Realization	
10:15 - 10:30				
10:30 - 11:00			Coffee Break	Sala
11:00 - 11:15	1794	Rina Tannenbaum	Geometric Variants of Au Nanoparticles for SERS Imaging of Breast Tissue Phenotypes	
11:15 - 11:30				
11:30 - 11:45	1509	Om Prakash	Development of MoS ₂ Nanoflowers Decorated with Gold Nanostructures for High-Performance SERS Applications	
11:45 - Noon	1715	Priyanka Chaudhary	Characterization of Nanofiber Bundles for Single Pixel Imaging	Di Bartolomeo
Noon - 12:15	1806	Ján Šoltýs	Optimization of the Fabrication Process for Superconducting Nanowire Single-Photon Detectors (SNSPDs)	
12:30 - 2:00			Lunch	
2:00 - 2:15	1793	Boris Hudec	Bottom-Up Approach Towards In-Sensor Computing	Sala
2:15 - 2:30				
2:30 - 2:45	1650	Natalia Kamila Calvo	Properties Optimization of TaOx Filamentary Memristors	
2:45 - 3:00	1854	Antonio Di Bartolomeo	2D Post-Transition Metal Dichalcogenides for Memory and Photonic Neuromorphic Devices	
3:00 - 3:15				Di Bartolomeo
3:15 - 3:30	1627	Banti Yadav	Tuning Electronic and Transport Properties of Zigzag Germanium Selenide Nanoribbon via Doping- A First-Principles Approach	
3:30 - 4:00			Coffee Break	
4:00 - 4:15	1868	Pascal Febvre	From nanosquids to digital SQUIDs: an overview of magnetometers	
4:15 - 4:30				
4:30 - 4:45	1417	Abdullah Abdulhameed	Fine Dust Particles Detection Based on ZnO Nanorods Grown on 3D-Printed Mesh	
4:45 - 5:00	1648	Mohammad Dehghan (Remote)	Design and Characterization of Thin Film H2 Sensor for Crossbar Array Implementation	
5:00 - 5:15				
5:15 - 5:30				
5:30 - 6:00				
6:00 - 6:30				
6:30 - 7:00				
7:00 - 7:30				
7:30 - 8:00				
8:00 - 9:00				