

FRIDAY, 12.09 / Room A-150

	Abstract ID	Presenter	Title	Session Chair
8:30 - 8:45				
8:45 - 9:00				
9:00 - 9:15				
9:15 - 9:30	1600	Anima Mahajan	Enhance Field Emission Characteristics of Vertically Aligned Multiwall Carbon Nanotube-Neodymium Oxide (MWCNT-Nd <sub>2</sub> O <sub>3</sub> ) Heterostructures Synthesized Through a Chemical Process	Skakalova
9:30 - 9:45	1480	Agnieszka Lech	Fabrication and Investigation of Metallic Nanowires Modified with Oxide and Organic Coatings	
9:45 - 10:00	1373	Pavel Galář	Tuning the Surface Reactivity, Thermal Properties and Hydrogen Release of Silicon Quantum Dots via Dominant Faceting	
10:00 - 10:15	1551	Jiyong Kim	Synthesis of ZnO Nanoparticles with Zinc Acrylate and/or Zinc Acetate Ligands for Stable and Bright Quantum Dot Light-Emitting Diodes	
10:15 - 10:30	1559	Volkan Can	Heavy Metal Detoxification Performance of Gold/Carbon Quantum Dot Nanocouples with Metal Enhanced Fluorescence	
10:30 - 10:45	1490	Maroua Ben Haddada	From Nanoparticles to Printed Functional Architectures: Nanoparticle Synthesis and Assembly via High-Resolution Capillary Printing	
10:45 - 11:00	1826	Serge Ravaine	DNA Mediated Self-Assembly of Patchy Nanoparticles	
11:00 - 11:15	Coffee Break			Jiyong Kim
11:15 - 11:30				
11:30 - 11:45	1578	Viera Skákalová	MoS <sub>2</sub> and WS <sub>2</sub> synthesized in Graphene Oxide at Ambient Conditions	
11:45 - Noon				
Noon - 12:15	1409	Denise Erb	Tuning the Morphology of Self-Assembled Nanopatterns on MgO(001) Surfaces by Broad-Beam Ion Irradiation	
12:15 - 12:30				
12:30 - 12:45	Award & Closing Ceremony			
12:45 - 1:00				
1:00 - 1:15				
1:15 - 1:30				
1:30 - 1:45				
1:45 - 2:00				

FRIDAY, 12.09 / Room B-70				
	Abstract ID	Presenter	Title	Session Chair
8:30 - 8:45				
8:45 - 9:00				
9:00 - 9:15	1675	Sergii Mamykin	Spectral Ellipsometry Study of Doping Effects on the Properties of Quaternary Diluted Magnetic Semiconductors (Ga,Mn)(As,P)	
9:15 - 9:30	1560	Jakub Holobrádek	Precise Control of Crystallography and Magnetism in Focused-Ion-Beam Transformed Fe-Ni Thin Films	
9:30 - 9:45	1866	Levente Maucha	Spin-Wave Holography for Neuromorphic Computing	
9:45 - 10:00	1664	Syamlal Sankaran Kunnath	Spin-Wave Propagation Control in Artificial Spin-Ice Systems with Perpendicular Magnetic Anisotropy	
10:00 - 10:15	1663	Alkim Senturk	Faraday Rotation Measurement of Ferrofluids at X-Band	
10:15 - 10:30	1544	Andrii Naumov	Unconventional Superconductivity and Superconducting Diode-Like Effect in 2DEG at The LAO/STO Interface	
10:30 - 10:45	1546	Oksana Chukova	Engineering of Spectral Properties of ZnO Nanoparticles with PVA Media: Green Synthesis and Theoretical Analysis	
10:45 - 11:00	1754	Shivam Singh Tomar	Coiled Flow Inverter-Assisted Integrated Photo-Biocatalytic Denitrification Using FexOy/g-CN_Biofilm Nanocomposite	
11:00 - 11:15	Coffee Break			
11:15 - 11:30				
11:30 - 11:45				
11:45 - Noon				
Noon - 12:15				
12:15 - 12:30	Award & Closing Ceremony			
12:30 - 12:45				
12:45 - 1:00				
1:00 - 1:15				
1:15 - 1:30				
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1:45 - 2:00				

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