Featured Speakers

Keynote Opportunities Available

Title: Atomic Dynamics in Liquid in Real Space and Time: Toward the Liquid-State-Physics
Takeshi Egami, University of Tennessee, USA

Title: Developing novel cow antibody based vaccines via epitope grafting
Azad K. Kaushik, University of Guelph, Canada

Title: Amorphous Magnetic Films
Joseph Poon, *University of Virginia, USA*

Title: Inspired by Photonics - unconventional electron flow across 2-D P-N junctions
Avik Ghosh, *University of Virginia, USA*

Title: Structural and Optical Properties of the MoTe2-WTe2 Alloy System
Patrick M. Vora, George Mason University, *USA*

Title: Some progress concerning the use of Magnetic Barkhausen Noise for magnetic materials characterization
Jose Alberto Perez Benitez, Instituto Politécnico Nacional, *Mexico*

Title: The interplay between off-stoichiometry and intrinsic point defects in quaternary compound semiconductors
Susan Schorr, *Freie University,, Germany*

Title: Magnetic and transport properties in Mn doped III-V semiconductor: the cases of GaAs and InP
Georges Bouzerar, *Centre National de la Recherche Scientifique, France*

Title: E-BABE-Effect of phase transition on spin transport in quantum frustrated antiferromagnets
Leonardo dos Santos Lima, *Centro Federal de Educação Tecnológica de Minas Gerais, Brazil*

Title: Ballistic Transport of Spin Waves in ultrathin disordered [Fe1-cNic]n alloy nanojunctions between Co leads using an EFT-PFMT formalism
Elie A. Moujaes, *Federal University of Rondônia , Brazil*

Title: Introduction in the Band Theory of Liquid Dielectrics
Alexander Shimkevich, *NRC Kurchatov Institute,, Russia*

Title: Treatment of the 'sing problem' by pair phase space pseudopotential
Vladimir Filinov, *Russian Academy of Sciences, Russia*

Title: Theory of Thermal Expansion of Localized Paramagnons
Rikio Konno, *Kindai University, Japan*

Title: Photoinduced Interfacial Electron Transfer Dynamics of CdSe Quantum Dots on Single Crystal Rutile TiO2 (001), (110), and (111) Surfaces
Taro Toyoda, *Advanced Studies in Physics Centre of the Romanian Academy, Japan*

Title: Quantum Simulation of (1+1)D U(1) lattice gauge-Higgs model by using cold atoms in one-dimensional optical lattice
Yoshihito Kuno, *Kyoto University, Japan*

Title: Characterization and Theranostics Application of Pluralistic Ferrite Nanoparticles
Yuko Ichiyanagi, *Yokohama National University, Japan*

Title: A non-equilibrium approach regarding hot metals
Juan-Luis Domenech-Garret, *Madrid Technical University, Spain*

Title: Transport Theory in Condensed Matter Physics-Metamaterial is Phase Transition
Woon Siong Gan, *Acoustical Technologies, Singapore*

Title: Environmental heat conversion into usable energy as a quantum effect of the matter-field dynamics
Eliade Stefanescu, *Physics Centre of the Romanian Academy , Romania*

Title: Absorption processes and their relationship with the transport processes in Semiconductors
Ricardo Ceballos, *National University of Colombia, Colombia*

Title: Synthesis of graphene-Fe magnetic nanofluid for enhancement of water thermal conductivity
Mohammed Ibrahim, *Süleyman Demirel University, Turkey*

Title: Spin-Orbit Interaction and Topological States in Spin 3/2 Cold Atomic Gas
Yshai Avishai , *Ben Gurion University, Israel*

Title: Initial Model of Ether Describing Electromagnetic Phenomena, Including Gravity
Ioan Has, *Land Forces Academy, Romania*

Title: Study of structural and magnetic properties of manganese doped cobalt ferrite nanoparticles for high frequency and sensor applications
Feroz Alam Khan, *Bangladesh University of Engineering and Technology, Bangladesh*

Title: First principles calculations on the effect of addition of X (Co, Rh, Ir) on TiPd
Rita John, *University of Madras, India*

Title: Negative partial density of states in mesoscopic systems
P. Singha Deo, *S. N. Bose National Centre for Basic Sciences, India*

Title: On-Chip Plasmonic Modulator
Mohamed Swillam, *American University in Cairo, Egypt*

Speaker Slots are Available

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