25th Annual IASBS Meeting on Condensed Matter Physics

List of Posters

P. No	First name	Surname	Title
P 1	Parinaz	Khaledi	One-and-Two-Layer Anti-Reflective Coatings for Gallium Arsenic Solar Cells
P 2	Parinaz	Hosseinpour	The Role of Gaussian Impurity Position in Quantum Dots in Second Harmonic Generation
Р3	Arash	Khosrozadeh	Investigation of the Relationship Between Surface Energy and Absorption of Acoustic Waves in a Wet Environment in Nanocomposites
P 4	Reza	Rasouli	Construction and Characterization of Graphene Oxide Nanocomposite in the Hydrogel Polymer Substrate
P 5	Masoud	Mirzaei	Enhance Nematic Ordering in Presence of Active Particles
P 6	Shoabir	Mohammadi Mozvashi	Theoretical Investigation of Mechanical and Optical Properties of β- Antimonene Monolayer
P 7	Marzieh	Jamshidi	Comparison of the Electronic Transport of Linear and Ring Molecules Connected to Two Nanocrystals
P 8	Saeedeh	Mohammadi	Effect of External Magnetic Field on Electrical Transport of Superlattice - Silicene Nanoribbon
P 9	Mahshid	Fathalipour	Synthesis and Investigathion of Nano Composite Tio2-Sno2
P 10	Somayeh	Oskui Abdol	Surface Plasmon Polaritons in the Waveguide Composed of Weyl and Dirac Semimetals
P 11	Mehdi	Janbazi	Simulation of the EPR Spectrum of the Powder and Alpha-Alanine Crystal Using the Calculations of the Density Function Theory
P 12	Susan	Tizdast	Shramm _ Loewner Evoulation in the Random Scatter Henon _ Percolation Landscapes
P 13	Razieh	Kor	RNA-Polymerase Against Nucleusome
P 14	Mahnoush	Madani	Studying Granular Matters Dynamics in Split Bottom Cell by PIV Technique
P 15	Shiva	Moradimehr	Collective Behavior of Water Evaporation on Superhydrophobic Surfaces
P 16	Ali	Moradian	Force and Torque Between Electrolyte Layers with Anisotropic Due to Charge on Layers
P 17	Mozhgan	Aliasgari	Study of Friction in Wet Granular Media
P 18	Mina	Damghani	Study of Structural and Optical Properties of CuInS2 Semiconductor Nanostructures Synthesis by Solvothermal
P 19	Leila	Dustkhah Heravan	Conductance and Pumping Current in Single Layer Phosphorene
P 20	Zahra	Abedini- Aminabad	Nonreciprocity of Surface Magnetoplasmons Modes in InSb/Graphene Structure in THz region
P 21	Razieh	Hosseini	Investigation of Stability of Double-Walled Armchair Aluminium Nitride Nanotubes (5,5)@(m,m)- vdW-DFT
P 22	Sharareh	Hasanpour	Investigation of the Effect of Gate Voltage on the Performance of a Silicene Nanoribbon Based Field Effect Transistor
P 23	Seyed Kamran	Taherian Ghahfarokhi	Titanium Dioxide Nanotubes Doped with Silver: Production and Structural Analysis
P 24	Reza	Majidinia	Theoretical Study of Electronic Structure of GaFeO3 Multiferroic by Density Functional Theory
P 25	Mozhgan	Kanjanianpak	Two Competitive SIS, Infection and Vaccination

25th Annual IASBS Meeting on Condensed Matter Physics

List of Posters

P. No	First name	Surname	Title
P 26	Shima	Farhoosh	Studying PEC Water Splitting on Branched Hematite Nanorods for Solar Hydrogen Production
P 27	Abbas	Karimi	The Energy Landscape of Normal and Cancerous Networks from the Perspective of Balance Theory
P 28	Somayeh	sheykhali	2-star Approach Explaining Group Formation in Structural Balance Evolution
P 29	Roghayeh	Moharrami	Effect of Strain on Band Structure and Density of State of Silicene nanoribbons
P 30	Mohammad Hossein	Hakimi	Network Dynamics with Random Memory in the Framework of Balance Theory
P 31	Fereshteh	Rabbani	Effect of Tension on Social Network's Dynamics Using Structural Balance Theory
P 32	Maryam	Heydari	Current Induced Spin Polarization In 3D Topological Insulator
P 33	Mohtaram	Tahan Dolatabad	Synthesis and Study of the Physical and Magnetic Properties of Cobalt Ferrite Nanoparticles and Magnetite Magnesium Alginate for Use in Medicine
P 34	Ali Akbar	Naemi	Electromagnetic Induction of Diffraction Grating in a Triple Quantum Well
P 35	Asma	Sedaghat Parvar	Surface Adsorption of CNCl Molecule on Size Oxide (ZnO) Nanotube Surface for Sensor Application
P 36	Mohammad Javad	Nasr Esfahani	Investigation of the Effect of Leaching Treatment on MgO Removal from MgO+B2O3+C Reaction Using XRD, FTIR and EDS-Mapping
P 37	Saeid	Mollaei	Investigation of Marangoni Spreading of Aquas Solution of Anionic Surfactant on Water Surface in Narrow Channel
P 38	Nasser	Sepehri Javan	Novel Modified Drude-Lorentz Model Based on the Role of Classical Confinement for Gold Nanoparticles
P 39	Hajar	Kazemi	Fabrication and Preliminary Study of Molybdenite Sample in mixed Phase with molybdenum
P 40	Mohammad	Qasemnazhand	The Investigating Effect of Geometric Structure and Quantum Confinement on the Electron Properties of Sila-Fullerenes
P 41	Neda	Ahmadi	Phase Diagram of Su-Schrieffer-Heeger Model with Long-Range Hopping and Spin-Orbit Coupling
P 42	Fahimeh	Behzadi	The Effect of Particles' Geometry and Enclosing Walls' Distance on Layering Phase of Liquid Crystal Particles
P 43	Mahsa	Fathi	Transport Properties in the PrNiBi Heusler Alloy, Based on the Semi- Classical Boltzmann Approach
P 44	Yasamin	Mohebi	Experimental Study of Dynamics of Self-Propelled Rod
P 45	Mohammad	Shadman	Determination of the Structure and Magnetic Properties of L-α-Alanine of Radicals in Acidic and Alkali Solution: Ab Initio Molecular Dynamics Simulations
P 46	Farokhnaz	Hosseinifar	Topological Phases of 1D Dissipative Systems
P 47	Tahereh	Usefzaei	Production of Zarinfam Layer on Copper Sheet
P 48	Hossein	Khaksar Boldaji	Probability as Input or Output of a Social Science Model: a Study of Coupled Markets Using Bohemian Quantum Mechanics
P 49	Mahdieh	Ebrahimi	Symmetry Breaking in a Spin Network with Triple Coupling Hamiltonian

25th Annual IASBS Meeting on Condensed Matter Physics

List of Posters

P.	First name	Surname	Title
No			
P 50	Shima	Nezamipour	Nonlinear Effects on Ciliary Motion Near a Soft Membrane
P 51	Fereshteh	Salari	Hydrodynamic Interaction of Two Spheres in Thermal Gradient, a Source for Fluid Motion
P 52	Ramin	Jamali	Investigation Size Distribution of Oil Droplet on Water Surface
P 53	Sanaz	Shahbazi Ganjgah	Order Parameter of Superconductivity in Diamond Lattice
P 54	Jamshid	Ardalankia	Investigation on the Influence of Memory in Price-Volume Coupling by MF-DXA
P 55	Mehrdad	Moradi	Investigation the Dependence of Magnetics Impedance on Measurement Frequency for Different Width Ribbons
P 56	Abolfazl	Ziaeemehr	Synchronization of Type 1 Phase Oscillators on Directed Acyclic Graphs
P 57	Vahideh	Sardari	Experimental Study of the Dynamics of Sedimenting Spheres' Boundary in a Hele-Shaw Cell
P 58	Samaneh	Rahbar	Simulation of the Entropic Force Exerted on The Hard Wall by a Semi- Flexible Polymer Chain by Using Molecular Dynamics
P 59	Farhad	Amerirad	The Experimental Study of the Dynamics of Vibrated Granular Chains
P 60	Leyla	Elyasizad	Local Violation of Conservation Local Violation of Conservation in the Abelian Sand pile Model through Spatially Correlated Non-Conservative Sites
P 61	Mohammad Amin	Arabi	The Introduction of Silicon Dodecahedron as an Optical Detector for Cancer Cells
P 62	Rohollah	Aliabadi	Observation of Homeotropic Phase of Ellipsoid Particles Confined Between Two Walls Using Classical Density Functional Theory