

Physics Workshop 2016 Poster List

S. No.	Name	Title
01	Manohar Kumar Sharma	Energy transfer in decaying rotating turbulence
02	Rohitashwa Chattopadhyay	Conservative perturbation theory for nonconservative systems
03	Abhishek Kumar	Taylor's hypothesis examined for convective turbulence
04	Aditya Tandon	Synchronizing by uncoupling
05	Tripurari Srivastava	Scalars as smoking gun for beyond Standard Model physics
06	Rohit Kumar	Energy transfers in large-Pm and small-Pm dynamos
07	Tanay Nag	Dynamics of decoherence: Universal scaling of the decoherence factor
08	Reevu Maiti	Algebraic computations of Renormalisation Group Evolution
09	Sanghamitro Chatterjee	Low energy ion beam induced modification of wettability: effect of surface penetration and fluence
10	Kavita Rathore	Portable Optical Emission Tomography System for Microwave Induced Compact Plasma from Visible to Near-Infrared Emission Lines
11	Suchita	Mach-Zehnder fiber interferometer in the spectral analysis of source characteristics
12	Gyanendra Kumar	Dynamical Bistability in Erbium Doped Fiber Ring Laser Upon Cavity Loss Modulation
13	Himanshu Gupta	Instabilities in intracluster medium with composition gradient
14	Raghwendra Kumar	3-Dimensional micro structuring using Multiphoton absorption
15	Manobina Karmakar	Periodically Textured Thin Films as Diffraction Gratings
16	Vijay Singh	Influence of annealing under different conditions on dielectric properties of magnetoelectric Gallium Ferrite
17	Anil Kumar Singh	Large scale synthesis and facet dependent morphology of graphene on copper by ethanol CVD
18	Biplab Bag	Negative vortex-velocity fluctuations at unjamming of vortex state in 2H-NbS ₂ superconductor
19	Alestin Mawrie	Drude weight and optical conductivity of a two-dimensional heavy-hole gas with \mathbf{k}^3 -cubic spin-orbit interactions
20	Pritam Kumar Roy	Mechanical tunability of superhydrophobicity and slippery behavior on PDMS based wrinkles

21	Biprojit Sana	LOW TEMPERATURE ATMOSPHERIC PRESSURE MICRO-PLASMA JETS
22	Rahul Kothari	Imprint of Inhomogeneous and Anisotropic Primordial Power Spectrum on CMB Polarization
23	Ritu Gupta	Coexistence of charge density wave and superconductivity in $\text{LaPt}_2(\text{Si}_{1-x}\text{Gex})_2$
24	Rabeet Singh Chauhan	The Levy-Perdew-Sahni equation for the density: accurate effective potential and self-consistent solution for two-electron atomic systems
25	Arif	Towards preparing million atoms in one single state at a temperature around 100 micro-K
26	Rajan	Imaging vibrational modes of free-standing graphene drums with a home-built confocal microscope
27	Purna Chandra Patra	Photoluminescence of 2D Graphitic Carbon Nitride
28	Rajesh Tripathi	Destruction of Kondo Coherence on Cu Doping in EuNi_2P_2
29	Sagar Paul	Fabrication and characterization of lead micro-SQUIDs
30	Vinay Kumar Shukla	Ferroelectric switching dynamics in charge ordered manganite nanostructures
31	Jitendra Kumar Pradhan	Design and Fabrication of a dual band metamaterial absorber at infra-red frequencies
32	Sunil Kumar	Organic Homojunction Diode: Role of Intrinsic Layer Thickness
33	Debarchan Das	Heavy fermion behavior and antiferromagnetic order in Ce_3NiSi_3
34	N. Rameshwari	Symmetry considerations for computation of entropy in systems with Jahn-Teller distortion
35	Abhinav Bhardwaj	Sensitivity of focusing by a spherical perfect lens to Geometric Perturbations
36	Utso Bhattacharya	Dynamical manipulation of Dirac points in the Kitaev honeycomb model
37	Dipak Rout	Raman Scattering from Metallo-dielectric Opals influenced by surface plasma said and stop band structures
38	Abhishek Juyal	Electrical Transport in Mesoscopic Pyrochlore Iridates
39	Prabodh Kumar Pandey	Quantitative Fluorescence Photoacoustic Tomography
40	Pavan Kumar	In-vivo and in-vitro detection of oral cancer by native fluorescence and synchronous fluorescence spectroscopy
41	Ummer K. V.	Two Dimensional Photonic Crystals for Light Control