

# 3rd Bihar Science Conference

List of Paper Selected for Presentation

## Physical Sciences

Sr.No.	ID No.	Title	Presenter Name	Remarks
1	OP-PS-P-164	The Existance of Magnatic Monopoles in a Real Magnet	Dharmanath Goit	Oral
2	OP-PS-P-178	An evaluation of Critical Frequency of Vortex as a Function of Number of Atoms in Bose Einstein Condensates	N P Singh	Poster
3	OP-PS-P-198	Three Dimensional microscopy and Sectional image reconstruction using digital holography	Naseem Akhtar	Oral
4	OP-PS-P-199	Quantum Mechanical Study of Second virial co-efficient for Hard Convex Body	V S Giri	Oral
5	PP-PS-P-150-	An evaluation of ground state energy of two dimensional $^3\text{He}$ interacting through Aziz Potential	S Kumar	Oral
6	PP-PS-P-151	An evaluation of Energy per particle (E/N) of two dimensional Bose gas using HD, SD and PP potential	L K Mishra	Poster
7	PP-PS-P-152	A Theoretical Evaluation of Magnetic field dependence of Vortex core size determined by $\mu\text{sr}$ (muon spin rotation) in superconductors $\text{V}_3\text{Si}$ , $\text{NbSe}_2$ , and $\text{LuNi}_2\text{B}_2\text{C}$	P K Verma	Poster
8	PP-PS-P-153	Study of non-Fermi liquid behaviour in $\text{UCu}_{5-x}\text{Pdx}$ at low temperatures	A K Singh	Poster
9	PP-PS-P-154	An evaluation of Al concentration dependence of $T_c$ in two gap nature of $\text{Mg}_{1-x}\text{Al}_x\text{B}_2$ Superconductors	D Prasad	Poster
10	PP-PS-P-155	An evaluation of superfluid $\rho_s$ in the BCS-BEC Crossover	N Singh	Oral
11	PP-PS-P-156	An evaluation of temperature dependence mean energies of excitation of Bose Einstein Condensate	N P Singh	Poster
12	PP-PS-P-157	An study of Van Hove non-fermi Superconductors and degradation of critical temperature	P Kumar	Poster
13	PP-PS-P-158	A study of Continuum theory of Tkachenk modes in rotating Bose-Einstein Condensate	V K Verma	Poster