

LIST FOR POSTER PRESENTATIONS (CMDAYS-08)

The authors are requested to confirm their participation at cmdays08@visva-bharati.ac.in by Aug. 08, 2008. Otherwise it will be assumed that you are unable to participate the event. The Participants may not be provided with the TA. Therefore participants should confirm their participation assuming that no TA will be given. Your confirmation is important to us. Also let us know your travel plan so that we can arrange your accommodation during CMDAYS-08.

1. Soubhik Chattopadhyay, Department of Physics, University of Calcutta
Title: Study of structural and electrical properties of Mn doped ZnO samples
2. Bibekananda Panda, Berhampur University
Title: Effect of external magnetic field on antiferromagnetism in $\text{Nd}_{2-x}\text{Ce}_x\text{CuO}_4$
3. Dr S.S.Pohlong, Department Physics, NEHU, Shillong-793022
Title: Transport of particle in a low friction limit
4. PURNA CHANDRA BARAL, Utkal University, Orissa
Title: A modified BCS theory of HF superconductivity
5. DR. UMAKANT PRASAD, DEPARTMENT OF PHYSICS, T.N.B. COLLEGE, BHAGALPUR
Title: Thermodynamic activity and diffusion coefficient of liquid MgZn alloys : Complex formation model
6. Ved Prakash, T.M.B.U. Bhagalpur
Title: Dielectric relaxation in $\text{BaMn}_{1/2}\text{W}_{1/2}\text{O}_3$
7. Author: Dr. S. S. Khatri, Physics Department, NEHU
Title: Effect of Microenvironment on Raman Line Shapes
8. Kanchan Konwar, Digboi College
Title: Annealing effect on polycrystalline Naphthacene thin film transistor
9. Jayeeta Chowdhury, East Calcutta Girls' College
Title: Effect of on-site Coulomb repulsion and magnetic field on low dimensional graphite ribbons
10. Nilima Parhi, North Orissa University
Title: Study of J-T effect on the self-energy of electrons in Manganite Systems
11. Vikas Kashid, University of Pune, Pune
Title: Structural and Electronic properties of gold nanowires
12. Shakti Prasad Mohapatra, North Orissa University, Bariapada, Orissa
Title: Effect of hybridization on the interplay of superconductivity & antiferromagnetism in presence of inter sub-lattice effects in cuprates
13. Susanta Kumar Panda, BERHAMPUR UNIVERSITY
Title: Doping Dependence of Tunneling Conductance in CDW SDW Gaps in Cuprate Systems
14. Munima B. Sahariah, Institute of Advanced Study in Science and Technology, Guwahati
Title: First-principles calculation of Phonon dispersion in BaO at ground state: performance of different exchange-correlation functionals
15. Sudipta Pal, Department of Physics, University of Kalyani
Title: Observation of Negative Magnetization in $\text{Gd}_{0.7}\text{Ca}_{0.3}\text{Mn}_{1-x}\text{Cr}_x\text{O}_3$ ($x=0.0-0.5$)
16. DILIP KUMAR BHOI, SAHA INSTITUTE OF NUCLEAR PHYSICS
Title: Effect of substitution of Cr at Mn sites in $(\text{Gd}_{1-x}\text{Sm}_x)_{0.55}\text{Sr}_{0.45}\text{MnO}_3$
17. Author: Dr. Somnath Bhattacharya, Department of Physics, Darjeeling Govt College
Title: Persistence in Rouse Chain under shear flow

18. Miss Suparna Bhattacharjee, Department of Physics, Dibrugarh University
Title: A study of superconducting order parameter fluctuations in Er-Ba-Cu-O thin films
19. Wandahun Longtraï Reenbohn, North Eastern Hill University
Title: Ratchet effect in inertial inhomogeneous systems : The adiabatic case
20. Dr. S. S. Khatri (Reader), Physics Department, N.E.H.U., Shillong-793022
Title: Effect of Microenvironment on Raman Line Shapes
21. Ashwani Kumar, University Department of Physics, T. M. Bhagalpur University
Title: Thermodynamic Properties and Alloying Behaviour of Liquid Binary Alloy
22. RAVI SHANKER PRASAD
Title: Study of electronic transport properties of alkali metals
23. Dr. G. S. Tripathi, Department of Physics, Berhampur University
Title: Carrier electronic structure of III-V semiconductors based on a model
Title: Electronic structure of high density carrier states in n- and p- type
24. Dhananjay Dey, Tripura University
Title: LAYER BY LAYER SELF ASSEMBLED FILMS OF CHICAGO SKY BLUE
25. Md.Nurul Islam, Tripura University
Title: CHARACTERIZATION OF PYRENE AND MIXED PYRENE \u2013 STEARIC ACID MONOLAYER AT THE AIR-WATER INTERFACE
26. Dr. Debabrata Das, R.K.M.R. College, Narendrapur, Kolkata-103
Title: Characterization of structural and optical properties of annealed TiO₂ by X-ray diffraction and absorbance spectroscopy
27. Pradipta Kumar Mandal, Dept. of Physics, University of Calcutta
Title: Multifractality of nonlinearity driven surfaces
28. ARABINDA NAYAK, Presidency College, Kolkata
Title: Microstructural and Optical Studies of Non-Cubic Germanium Nanocrystals
29. Bibhuti Parida, Sambalpur University
Title: Electron-phonon interaction and temperature dependence of resistivity in heavy fermion systems
30. TARASANKAR NAG, Presidency College
Title: Scattering of Classical Spin Waves by Breather Modes in a Ferromagnet
31. Saswati Panda, B. P. U. T
Title: Interplay of CDW Gap and Ferromagnetism in Manganite Systems
32. Dr. Madhuri Mandal
Title: Synthesis of CoFe₂O₄ \u2013 polyaniline (CF-PANI) nanocomposites by micellar technique
33. Dr. K. Prasad, T.M. Bhagalpur University, Bhagalpur
Title: Can microbes mediate nano-transformation?
Title: Electrical properties of (1-x)(Bi^{1/2}Na^{1/2})TiO₃-xWO₃; (0 \u2264 x \u2264 0.1) ceramics
34. Ranjit Thapa, Jadavpur University
Title: Study of field emission and dielectric properties of AlN films prepared by DC sputtering technique at different substrate temperature
35. Dr. P.K. Chakrabarti, University of Burdwan

Title: Magnetic properties of hexagonal single crystals of $\text{Sm}(\text{BrO}_3)_3 \cdot 9\text{H}_2\text{O}$

36. Dr. Kailash Chandra Bishoyi, F. M. University, Balasore, Orissa

Title: Interplay of superconductivity and magnetism in presence of inter sub-lattice effect in cuprates

37. Bipul Das, Magnetism Laboratory, S N Bose national Centre For Basic Sciences, Kolkata

Title: Magnetic Properties of Cobalt Nanowires Synthesized by Electrodeposition

38. Shantu Saikia, North Eastern Hill University, Shillong

Title: Ratchet effect in inertial systems due to space dependent friction

39. Pradip Kumar Jana, Deshabandhu Vidyapith

Title: Evidence of internal domain in non-ferroelectric Li and Ti doped NiO

40. Surjya Sarathi Bhattacharyya, I.A.C.S., Solid State Physics Department

Title: Preparation and characterization of Polymer dispersed ferroelectric liquid crystal composite film with high electro-optic quality

41. Arunava Chakrabarti, Department of Physics, University of Kalyani

Title: Transmission across an Aharonov-Bohm ring with atomic cluster(s) attached to one arm: effect of geometry and other issues.

42. Debabrata Pal

Title: Magnetic properties of strain induced cobalt ferrite nanoparticles

43. Dr. PRADEEP K CHOUDHARY, DEPT OF PHYSICS, R.D.S.COLLEGE, MUZAFFARPUR

Abstract Thermodynamic Properties of Homogeneous Associating Molecules.

44. Santanu Sinha, IITG

Electro and magneto Transport properties of Anisotropic percolation Cluster

45. Prof Banamali Baishya, Department Of Physics, Dibrugarh University

Title of paper: A study of superconducting order parameter fluctuations in Er-Ba-Cu-O thin films

46. Muhsina Kafiah Huda, Tezpur university

Title of paper: synthesis of soluble poly1,3,4 oxadiazoles incorporating chromophoric moiety in the main chain

47. Basanta Kumar Sahoo, Dept.of Physics , D.A.V College Koraput

Title of paper: Effect of external magnetic field on antiferromagnetism in $\text{Nd}_{2-x}\text{Ce}_x\text{CuO}_4$

48. Ravi Chetri, Presidency College

Title of paper: Microcrystal Optical Studies of Nano-cubic Ge Nanocrystals.

49. Dr. Ranjit Kumar Das , Gopalpur College, Orissa

Title of paper: Carrier electronic structure of III-V semiconductors based on a model

50. Molly Dutta Gupta , Dept. of Physics , Jadavpur University

Title: Optical Properties of two mesogenic mixtures containing identical Mesophases.

51. Mr Shailesh Dongare , Department of Physics, Birla College, Kalyan

Title: Effect of barley extract on gel grown urinary calculi crystals?

52. Dr. Umakant Prasad, Department of Physics, T.N.B. College, Bhagalpur

Title of paper: Thermodynamic activity and diffusion coefficient of liquid MgZn alloys: complex formation model

53. Swapan Chakrabarti , Tribhuban University

Title of the Paper: Heat of mixing of some Binary alloy

54. Somik Banerjee, Tezpur University

Title of paper: Effect of dopant concentration on the electrical conductivity of Polyaniline nanofibers synthesized by Interfacial Polymerization

55. Madhuryya Deka, Tezpur University

Title: Ionic Conduction and Phase separation studies in PEO-P(VdF-HFP)-LiClO₄-dedoped (insulating) Polyaniline Nanofiber Composite Polymer Electrolytes

56. GOURI GOUTAM BORTHAKUR, (BANAMALI BAISHYA)

Title: Solution of a dielectric relaxation model

57. MD. TAUHID ALAM

Title: IMPACT OF EXCHANGE-CORRELATION FUNCTION ON THE SUPERCONDUCTING PARAMETERS OF MgB₂

58. Amrita Mukherjee, I.A.C.S., Solid State Physics Department

Title: Dielectric relaxation of polymer and ferroelectric liquid crystal composites

59. DR. JAYPRAKASH YADAV

Title: Electronic Transport Properties of Alkali-Alkali Binary Alloys: HFP Technique

60. Shramana Mishra, I. I. T. Kharagpur

Title: Local annealing effect in GaAs:Cr wafer by high energy light ion-irradiation

61. Ramprasad Misra, I.A.C.S., (CONFIRMED, 28th AUGUST)

Title: Role of intramolecular charge transfer in the first order nonlinear optical response properties of beta enamines

62. Mamata Sahoo, Institute of Physics, Sachivalaya Marg, Bhubaneswar-751005,

Title: Fluctuation theorems and Stochastic resonance

63. ANKUR GOGOI, Department of Physics, Tezpur University, Tezpur

Title: Experimental Determination of Optical Scattering Properties of Ultra-fine Magnesium Oxide Particles