DST-SERC SCHOOL ON

NUCLEAR MATTER UNDER EXTREME CONDITIONS

January 7-25, 2013

he 2nd DST-SERC school on Nuclear Matter Under Extreme Conditions will be held at Variable Energy Cyclotron Centre, Kolkata during January 7-25, 2013. The school will broadly cover the theoretical & experimental issues related to hot & dense nuclear matter and the subject of quark-hadron phase transition in relativistic heavy ion collisions covering the experimental programmes at PANDA, CBM, RHIC, and LHC. Applications are invited from Ph. D. students, young post docs and faculties working in the field of nuclear matter at high temperatures and densities. Bright final year M. Sc. students are also welcome to apply. Travel (by AC II train) and local hospitality will be provided to outstation participants. Selected applicants from countries other than India will be provided local hospitality only.

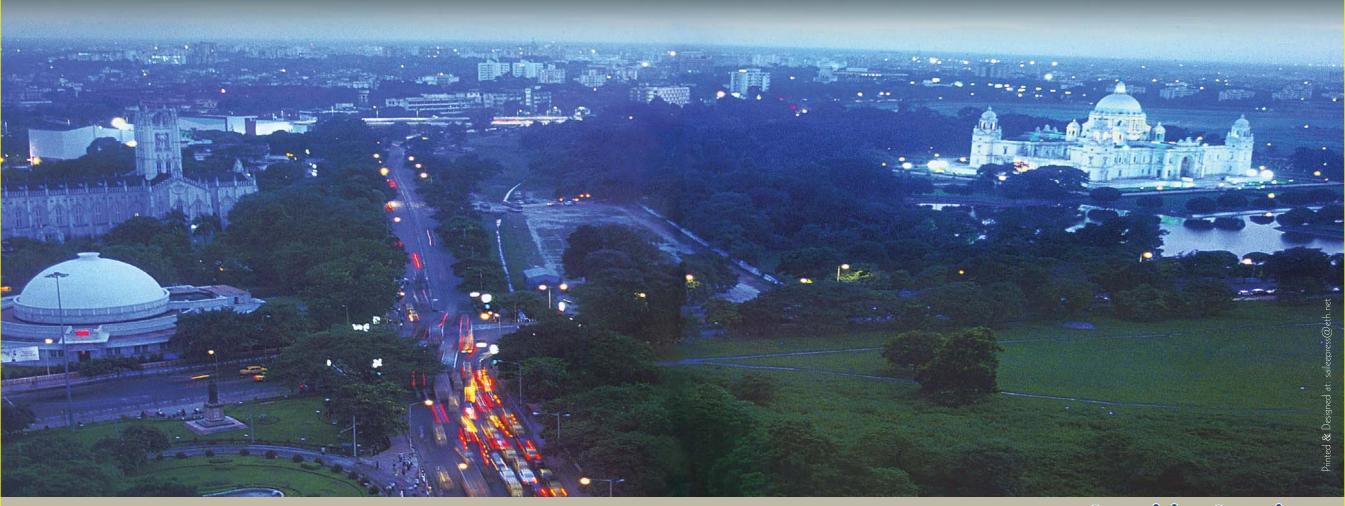
To Attract, Expose and Motivate Young Researchers in the Study of Nuclear Matter at High Temperature and Density.

TOPICS

Relativistic Kinematics | Quantum Field Theory | Quantum Chromodynamics Spectral Change of Hadrons in Medium | Initial Conditions in Heavy Ion Collisions Relativistic (Viscous) Hydrodynamics and Space Time Evolution | Heavy Ion Phenomenology and Quark Gluon Plasma | Partonic Energy Loss and Jet Quenching | Event Generators | Accelerators Detectors | Analysis Techniques & Error Analysis etc.

Planning Committee

Prof. A K Jain (IIT, Roorkee), Chairman | Dr. A Chatterjee (BARC, Mumbai) | Dr. D K Srivastava (VECC, Kolkata) Dr. Ajit Sinha (UGC-DAE-CSR, Kolkata) | Prof. Raghav Varma (IIT, Bombay) | Prof. N M Badiger (Karnatak Univ. Dharwad) Dr. Amitava Roy (DST, New Delhi), Secretary.



Contact

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Venue

Variable Energy Cyclotron Centre

Department of Atomic Energy Sector - I, Block - AF, Bidhan Nagar Kolkata - 700 064, India

Sponsor

Department of Science & Technology (DST) Government of India

http://www.vecc.gov.in/SERCNP2013

Organizing Committee

Jan-e Alam **VECC** Abhijit Bhattacharyya CU Sukalyan Chattopadhyay SINP Sourav Sarkar **VECC** Dinesh K Srivastava VECC

For application forms and other details please visit the school website which will be updated time to time.

Application Deadline: October 22nd 2012