

1st Announcement

Joint Accelerator School – 08

January 07-18, 2008

Venue: Raja Ramanna Centre for Advanced Technology, Indore

Organized by: FNAL (USA), KEK-Under JSPS Core University Program (Japan) & HBNI, BRNS (India)

Motivation: With growing Indian interest in the field of accelerator science & technology many ambitious domestic programs have been initiated at BARC, IUAC, RRCAT, TIFR & VECC besides an active International collaboration in programs like LHC, FAIR, CTF-3 and upcoming ILC. This school is being organized to provide a foundation in the important accelerator science & technology aspects and also to enable young scientists & engineers to interact with the experts from USA, Japan & India.

Advisory Committee: Anil Kakodkar, DAE, Swapan Chatopadhyay, CCRL, Shekhar Mishra, FNAL, Shin-ichi Kurokawa, KEK, V C Sahni, RRCAT/BARC.

Faculty Members:

Hasan Padamsee (Cornel University), Chandra Shekhar Bhat, Ralph Pasquinelli , Dave McGinnis , Harry Carter, Lance Cooley(FNAL,USA) , Vinod Bharadwaj(SLAC,USA), Martin Wilson (Oxford Instruments, UK), Gennady Kulipanov (BINP, Russia), Toshiyuki Okugi, Yoshiyuki Morita (KEK, Japan), Jean Delayen (JLab, USA), R K Bhandari, A Chakrabarti, C Mallik, V S Pandit (VECC, India), P Singh (BARC, India), R G Pillay (TIFR, India), S B Roy (RRCAT, India), T S Datta (IUAC, India)

Areas to be covered: Practical Accelerator Physics, Microwave Measurement and Beam Instrumentation, Superconducting Magnets, Cryogenic, SCRF Cavity and Cryomodule, Lepton Sources, Energy Recovery Linac and Next Generation Light Source,

In addition some lectures will be devoted to Special Topics like: Superconducting Materials Development, Heavy Ion & High Current ECR Source, Transport & acceleration of space charge dominated beam with Cyclotron, Developmental studies on high current Proton linac, Superconducting Cyclotron, RIB.

A one day “Hands on Workshop” will be organized to acquaint participants with the experimental aspects related to RF cavity and associated technologies.

How to apply: Interested applicants can send their name, affiliation, designation, correspondence details (email address), and field of work to the Convener by email. In case of the postgraduate/PhD students and postdocs, a reference letter from the Professor /Supervisor will also be required.

Preference in attending the School will be given to the young scientists & engineers involved / interested in accelerator S&T areas. Young postgraduate students at various stages of their Ph.D programme or postdoctoral researchers /faculty members of universities interested in this field will also be admitted.

Last date for sending Registration request: November 30, 2007.

Registration announcement: December 7, 2007, Number of participants ~ 100

Financial Assistance: Travel by rail/road and local hospitality will be provided to all the selected postgraduate/PhD students.

S. C. Joshi
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Please keep visiting School Website for updates: <http://jas08.cat.ernet.in>