

Time \ Date	06-Mar-18	07-Mar-18	08-Mar-18	09-Mar-18
		Session Chairperson: Dr. O.Marcouille	Session Chairperson: Dr. M. Tischer	Session Chairperson: Prof. P.Sen
08:30 – 09:30	Registration	Dr. Agostino Marinelli, SLAC Basics of Free Electron Laser - Part 2	Prof. M. Kuriki, KEK Phase-space rotation technique (Application)	Dr. D.K.Palit, CBS Effect of aggregation on Hydration of HSA Protein: Steady State THz Absorption Spectroscopy Study
09:30 – 10:30	Welcome address by Director, IUAC	Dr. P. Jain, IIT Roorkee Beam Dynamics for Superconducting Accelerators	Dr. V. Naik, VECC Development of electron accelerator at VECC	Mr. N. Awari, HZDR THz Control of Magnetic Order
	Dr. D. Kanjilal, IUAC Activities at IUAC.			
	Dr. S. Ghosh, IUAC Theme of the school and Vote of thanks			
10:30 – 11:00	High Tea	Tea	Tea	Tea
	Session Chairperson: Dr. D. Kanjilal	Dr. T. Rao, BNL Basics of Photo cathode used in a electron gun	Dr. Shankar Lal, RRCAT Design, RF characterisation & tuning of RF accelerating structures	Dr. J. Bhattacharyya, IIT Madras Intense THz excitation of semiconductors: a general overview
11:00 – 12:00	Dr. S. Ghosh, IUAC Delhi Light Source - An overview			
12:00 – 13:00	Dr. Agostino Marinelli, SLAC Basics of Free Electron Laser - Part 1	Dr. S. Kashiwagi, Tohoku University Coherent Undulator Radiation from extremely short electron bunches (Basic course)	Dr. S.S.Prabhu, TIFR Review of Tera Hertz (THz) Sources, Detectors and Spectroscopy: Applications of Hgh Power THz	Dr. Wolfgang Quint, GSI GmbH Applications of electron beams to atomic physics research
13:00 – 14:00	Lunch	Lunch	Lunch	Lunch
	Session Chairperson: Dr. S.S. Prabhu	Session Chairperson: Prof. J. Urakawa	Session Chairperson: Dr. R.K.Bhandari	Session Chairperson: Dr. J.Bhattacharyya
14:00 – 15:00	Dr. M. Tischer, DESY Basics of Insertion device	Dr. S.Krishnagopal, BARC Advanced Electron Accelerators for FEL	Dr. S. Kumar, IIT Delhi High field THz nonlinear optics and spectroscopy	Dr. J.R.Mohanty, IIT Hyderabad Exploring spin dynamics in perpendicularly magnetized thin film system with X-FEL and their THz perspectives
			Dr. D. S. Rana, IISER Bhopal THz Spectroscopy for Quantum matter	Dr. K. R. Mavani, IIT Indore Ultrafast functionality of materials using THz emission and time resolved spectroscopy
15:00 – 16:00	Prof. J. Urakawa, KEK Photocathode RF Gun and the Effect of Beam Loading (Basic course)	Prof. M. Kuriki, KEK Extremely short electron bunch generation (Basic course)	Dr. M. Jewariya, NPL High power THz pulse generation and its Application: Spectroscopy and Imaging	Dr. N. Yogesh, Univ. of Madras Materials for electron beam excitation based THz sources
16:00 – 16:30	Tea	Tea	Tea	Tea
16:30 – 17:30	Dr. O. Marcouille, Soleil Calculation and Production of Radiation through undulator	Dr. O. Marcouille, Soleil In vacuum and cryogenic insertion devices	Prof. J. Urakawa, KEK Outline on THz Application	Dr. R. Mitra, SNBNCBS, Kolkata Application of THz Spectroscopy in Cheistry and Biology
17:30 – 18:30	Dr. A. Alexander, KEK Laser system of Photo cathode based electron accelerator	Dr. A. Alexander, KEK Beam diagnostics and Radiation detection system	Dr. S. Kashiwagi, Tohoku University Radioactive Isotope Production via Photo Nuclear Reaction using High Power Electron Linac (Application)	Concluding Session
18:30 – 19:00	Tea	Tea	Tea	Tea
19:00 – 19:30			Presentation by Dr. M.Lindholm, M/S Scandinova	
19:30 – 21:30	Director's Dinner	Dinner	Banquet Dinner	Dinner