

IPAC'13 Synoptic Table

Times	Monday, 13 May, 2013		Tuesday, 14 May, 2013		Wednesday, 15 May, 2013		Thursday, 16 May, 2013		Friday, 17 May, 2013	
	Grand Ballroom 1	Grand Ballroom 1	Grand Ballroom 1	Grand Ballroom 2	Grand Ballroom 1	Grand Ballroom 2	Grand Ballroom 1	Grand Ballroom 2	Auditorium	Grand Ballroom 2
	Chair: Zhenchang Zhao, SINAP	Chair: Kazuo Hasegawa, JAEA	Chair: Sang-Hoon Nam, PAL/POSTECH	Chair: Mark Boland, ASCO	Chair: Jianjun Deng, Inst. Fluid Physics	Chair: Gwo-Huei Luo, NSRRC	Chair: Hongwei Zhao, IMP	Chair: Caterina Biscari, CELLS	Chair: Oliver Brüning, CERN	
9:00	Welcome from the Chairs	Status of the FAIR Facility, <i>Oliver Kester (GSI, Darmstadt)</i>	Short-Pulse Operation of Storage Ring Light Sources, <i>Anke-Susanne Mueller (FZK, Karlsruhe)</i>	Optics Optimization for Reducing Collective Effects and Raising Instability Thresholds in Lepton and Hadron Rings, <i>Yannis Papaphillipou (CERN, Geneva)</i>	Intense Highly Charged Heavy Ion Beam Production, <i>Takahide Nakagawa (RIKEN/RARF/CC, Saitama)</i>	<i>High Power Operation and Beam Instrumentations in J-PARC Synchrotrons, Takeshi Toyama (J-PARC, KEK & JAEA, Ibaraki-ken)</i>	Novel Techniques and Challenges in Hadron Therapy, <i>Thomas Haberer (HT, Heidelberg)</i>	Beam Dynamics of Very Small Dynamic Aperture and Collective Effects in "Ultimate" Storage Rings, <i>Masaru Takano (IASRI/Spring-8, Hyogo-ken)</i>	Status of CSNS Project, <i>Shinian Fu (IHEP, Beijing)</i>	
9:10										
9:20										
9:30	ADS Programme and Key Technology R&D in China, <i>Wen-Long Zhan (CAS, Beijing)</i>	The Installation and Start of Commissioning of the 1.1 MW Deuteron Prototype Linac for IFMIF, <i>Juan Knauser (IFMIF/EVEDA, Rokkasho)</i>	Short X-ray Pulse Generation by Electron Beam Slicing, <i>Li Hua Yu, BNL</i>	Single Particle Tracking for Simultaneous Long and Short Electron Bunches in the BESSY II Storage Ring, <i>Martin Ruprecht (HZB, Berlin)</i>	Intense Beam Ion Sources Development at IMP, <i>Liangting Sun (IMP, Lanzhou)</i>	Laser Wire Based Parallel Profile Scan of H-Beam at the Superconducting Line of Spallation Neutron Source, <i>Yan Liu (ORNL, Oak Ridge, Tennessee)</i>	Development of the Dielectric Wall Accelerator for Proton Beam Therapy, <i>Anthony Zografos (CPAC, Livermore, CA)</i>	Accelerator Technology - From Big Projects to Broad Application, <i>Akira Yamamoto (KEK, Ibaraki)</i>	Beam Commissioning of Energy Recovery Linacs, <i>Tsukasa Miyajima (KEK, Ibaraki)</i>	
9:40	Challenges Facing High Power Proton Accelerators, <i>Michael Plum (ORNL, Oak Ridge, Tennessee)</i>	Project X Injector Experiment: Goals, Plan and Status, <i>Alexander Shemakin (Fermilab, Batavia)</i>	ILSF, A Third Generation Light Source Laboratory in Iran, <i>Javad Rahighi, IPM, Tehran</i>	CSR-driven Longitudinal Single Bunch Instability Thresholds, <i>Peter Kuske (BESSY GmbH, Berlin)</i>	JEMMRLA - Electron Model of a Muon RLA with Multi-pass Arcs, <i>Alex Bogacz (JLAB, Newport News, Virginia)</i>	A Pepper-pot Based Device for Diagnostics of the Single-shot Beam, <i>Shixiang Peng (PKU/IHP, Beijing)</i>	Secondary Neutron Production from Patients during Hadron Therapy and their Radiation Risks: The Other Side of Hadron Therapy, <i>Mohammad Anwar Chaudhri (University of Erlangen-Nuernberg, Erlangen)</i>	Progress in Transverse Feedbacks and Related Diagnostics for Hadron Machines, <i>Wolfgang Hoffe (CERN, Geneva)</i>	Overview of the World-wide RIB Facility Status and Challenges, <i>Osamu Kamigaito (RIKEN Nishina Center, Wako)</i>	
9:50										
10:00										
10:10		Development of a Low-energy Heavy-ion Storage Ring Facility at KACST, <i>Mohamed El Ghazaly (KACST, Riyadh)</i>	ESRF Upgrade Phase II, <i>Jean-Luc Revol, ESRF</i>	Experimental Observations of a Multi-stream Instability in a Long Intense Beam, <i>Brian Louis Beaudoin (UMD, College Park, Maryland)</i>	The PEPPo Concept for a Polarized Positron Source, <i>Eric Jean-Marie Voutier (LPS, Grenoble)</i>	Phase Space Tomography Research at Daresbury, <i>Kai Meng Hoek, Cockcroft Institute, Warrington</i>	100 MeV/100kW Electron Linear Accelerator Driver of the NSC KIPT Neutron Source, <i>Andrey Yuriy Zelinsky (NSC/KIPT, Kharkov)</i>			
10:20										
10:30	COFFEE BREAK 10:30-11:00									
	Grand Ballroom 1	Grand Ballroom 1	Grand Ballroom 2	Grand Ballroom 1	Grand Ballroom 2	Grand Ballroom 1	Grand Ballroom 2	Auditorium		
	Chair: Andy Wolski	Chair: Gianluigi Arduini, CERN	Chair: Chuansiang Tang, TUB	Chair: Stuart Henderson, FNAL	Chair: Susanna Guiducci, INFN-LN	Chair: Alex Chao, SLAC	Chair: Andrew Hutton, JLAB	Chair: Chuang Zhang, IHEP Beijing		
11:00	The First Years of LHC Operation for Luminosity Production, <i>Mike Lamont (CERN, Geneva)</i>	Progress in Super B-Factories, <i>Kazunori Akai (KEK, Ibaraki)</i>	Advances in Beam-driven-plasma Accelerators, <i>Mark Hogan (SLAC, Menlo Park, California)</i>	Power Upgrade of J-PARC Accelerator, <i>Hidetomo Oguri (JAEA/J-PARC, Tokai-Mura, Naka-Gun, Ibaraki-Ken)</i>	Longitudinal Bunch Shape Control and Feedback in FEL Driver Linear Accelerators, <i>Holger Schlarb (DESY, Hamburg)</i>	Suppressing Transverse Beam Halo with Nonlinear Magnetic Fields, <i>Stephen Davis Webb (Tech-X, Boulder, Colorado)</i>	Where Next with SRF?, <i>Gianluigi Ciavatti (JLAB, Newport News, Virginia)</i>	An Overview of Light Source Development in Asia, <i>Dong Wang (SINAP, Shanghai)</i>		
11:10										
11:20										
11:30	Review of Laser Wakefield Accelerators, <i>Victor Malka (LOA, Palaiseau)</i>	Summary of ILC-GDE, <i>Barry Barish (CALTECH, Pasadena, California)</i>	The Road to Achieving Ultra-low Emittance of a Photothode RF Gun, <i>Wenhui Huang (TUB, Beijing)</i>	The KOMAC Accelerator Facility, <i>Yong-Sub Cho (KAERI, Daegjeon)</i>	Commissioning of the X-band Transverse Deflector for Femtosecond Electron-ray Pulse Length Measurements at LCLS, <i>Yuanxiao Ding (SLAC, Menlo Park, California)</i>	Transverse-to-longitudinal Emittance Exchanger at Fermilab's Advanced Superconducting Test Accelerator, <i>Christopher Prokop (Northern Illinois University, DeKalb, Illinois)</i>	Pathway to a Post Processing Increase in Q0 of SRF Cavities, <i>Oliver Kugeler (HZB, Berlin)</i>	Recent LHC Physics Results and their Impact on the Future HEP Accelerator Programme, <i>Sergio Bertolucci, CERN</i>		
11:40										
11:50	Brightness and Coherence in Synchrotron Radiation, <i>Zhirong Huang (SLAC, Menlo Park, California)</i>	Status and Plans for the Polarized Hadron Collider RHIC, <i>Mei Bai (BNL, Upton, Long Island, New York)</i>	Dielectric Optical Accelerator-based Free Electron Lasers, <i>James Rosenzweig (UCLA, Los Angeles, California)</i>	Design Integration of the FRIB Driver Linac, <i>Yan Zhang (FRIB, East Lansing, Michigan)</i>	Ultra-fast Data Acquisition System for Coherent Synchrotron Radiation Based on Superconducting Terahertz Detectors, <i>Michele Caselle (KIT, Eggenstein-Leopoldsdafen)</i>	Beam Coupling Impedance Localization Technique Validation and Measurements in the CERN Machines, <i>Nicolo Biancacci (CERN, Geneva)</i>	Temperature Waves in SRF Research, <i>Nicholas Valles (CLASSE, Ithaca, New York)</i>	Recent Progress of Neutrino Experiments and Requirement to Accelerators, <i>Yifang Wang (IHEP, Beijing)</i>		
12:00										
12:10										
12:20										
12:30	LUNCH BREAK 12:30-14:00									
	Grand Ballroom 1	Grand Ballroom 2	Grand Ballroom 1	Grand Ballroom 2	Grand Ballroom 1	Grand Ballroom 2	Auditorium			
	Chair: Alok Chakrabarti, VECC	Chair: Katsunobu Oide, KEK	Chair: Tianjue Zhang, CIAE (1), Evgeny Levichev, BINP (2)	Chair: Deepa Anand-Katamib, Cockcroft Inst. (1), Paolo Pierini, INFN-LASA (2)	Chair: In Soo Ko, Postech (1), Lin Liu, Brazilian Light Source (2)	Chair: Shin-ichi Kurokawa, Csiyab/KEK	Awards Session Chair Prizes Committee: Jia-er Chen, Peiking University			
14:00	Progress in Superconducting Magnet Technology for Accelerators, <i>GianLuca Sabbi (LBL, Berkeley, California)</i>	Overview of the LHeC Design Study at CERN, <i>Oliver Sim Brining (CERN, Geneva)</i>	Argonne Wakefield Accelerator (AWA) A Facility for the Development of High Gradient Accelerating Structures and Wakefield Measurements, <i>Manuel Conde (ANL, Argonne)</i>	Recent Developments of Novel Beam Diagnostics at the ESRF, <i>Kees Bertus Scheidt (ESRF, Grenoble)</i>	Status of the European XFEL, <i>Markus Haemig (DESY, Hamburg)</i>	Industrial Accelerators, <i>Robert Wray Hamm (R&M Technical Enterprises, Pleasanton, California)</i>	IPAC'13 Student Poster Prizes (10)			
14:10										
14:20										
14:30	Undulator Technologies for Future X-ray FEL Facilities / Storage Rings, <i>Marie-Emmanuelle Couprie (SOLEIL, Gif-sur-Yvette)</i>	The First Long Shutdown for the LHC, <i>Frederick Bordry (CERN, Geneva)</i>	SPARC LAB Recent Results, <i>Massimo Ferrario (INFN/LNF, Frascati (Roma))</i>	Fast Orbit Feedback Scheme and Implementation for Taiwan Photon Source, <i>Pei-Chen Chiu (NSRRC, Hsinchu)</i>	Overview of Seeding Methods for FELs, <i>Sven Reiche (Paul Scherrer Institut, Villigen)</i>	Industrialization of the ILC Project, <i>Marc Ross (SLAC, Menlo Park, California)</i>	ACFA/IPAC'13 Prize c) awarded by Professor M. Nozaki, ACFA Chair Presentation, <i>Hiroshi Imao, RIKEN Nishina Center (20)</i>			
14:40										
14:50										
15:00	Manufacturing of the First of Series SIS100 Dipole Magnet, <i>Wolfgang Walter (BNG, Würzburg)</i>	Proton-nucleus Collisions in the LHC, <i>John M. Jowett (CERN, Geneva)</i>	Studies on One S Band Bunching System with Hybrid Buncher, <i>Shihun Pei (IHEP, Beijing)</i>	In Vacuum High Accuracy Mechanical Positioning System of Nano Resolution Beam Position Monitor at the Interaction Point of AT2, <i>Philip Bumbade (LAL, Orsay)</i>	X-ray Spectra and Peak Power Control with ISASE, <i>Juhao Wu (SLAC, Menlo Park, California)</i>	Industrialization of ILC from a View Point of Industry, <i>Katsuya Semiyu (MHI, Mithara)</i>	ACFA/IPAC'13 Prize b) awarded by Professor M. Nozaki, ACFA Chair Presentation, <i>Michael Borland, ANL (30)</i>			
15:10										
15:20	Multiple Function Magnet Systems for MAX IV, <i>Franz Bødker (Danfysik A/S, Taastrup)</i>	Simulations and Measurements of High Cleaning with 100MJ Beams in the LHC, <i>Stefano Redaelli (CERN, Geneva)</i>	Intra-beam Scattering Study for Low Emittance of BAPS, <i>Saïke Tian (IHEP, Beijing)</i>	Simulation and Experiment Study of Plasma Window, <i>Kun Zhu (PKU/IHP, Beijing)</i>	Generation of the Polarization Controllable Free-electron Laser at Dalian Coherent Light Source, <i>Tong Zhang (SINAP, Shanghai)</i>	Industry and Science, POSCO and POSTECH Case, <i>Won Namkung (PAL, Pohang, Kyungbuk)</i>	ACFA/IPAC'13 Prize a) awarded by Professor M. Nozaki, ACFA Chair Presentation, <i>Shouxian Fang, IHEP, Beijing (30)</i>			
15:30										
15:40	Results of an Experiment on Hydrodynamic Tunnelling at the SPS HRadMat High Intensity Proton Facility, <i>Juan Blanco Sanchez (CERN, Geneva)</i>	The vSTORM Facility, <i>Ao Liu (Fermilab, Batavia)</i>	Recent Results from CeaT/TA Intra-beam Scattering Investigations, <i>M.P. Erlichman (CLASSE, Ithaca, New York)</i>	Dual Chip in Single Module Solid-state Power Amplifier Design for Compact Transmitter Architecture, <i>Tsung-Chi Yu (NSRRC, Hsinchu)</i>	Current Status of PAL-XFEL Project, <i>Heung-Sik Kang (PAL, Pohang, Kyungbuk)</i>	Development of Compact Low Energy Acc to Promote Local Economy through Integration of Production, Teaching and Research, <i>Mingyao Fan (Hanchuan University of Science and Technology (HUST), Wuhang)</i>	Special Invited Presentation of Chinese Calligraphy and Painting (45') chaired by Jia-er Chen, National Natural Science Foundation of China			
15:50										
16:00	POSTER SESSIONS 16:00-18:00									

Session Code Colour Legend

Circular and Linear Colliders (1)	Synchrotron Light Sources and FELs (2)	Particle Sources and Alternative Acceleration Techniques (3)	Hadron Accelerators (4)	Opening, Closing and Special Presentations without specific classifications
Beam Dynamics and Electromagnetic Fields (5)	Accelerator Technology (7)	Applications of Accelerators, Technology Transfer and Industrial Relations (8)	Beam Instrumentation and Feedback (6)	