

Overview of the Programme of Oral Presentations

Times	Monday		Tuesday		Wednesday		Thursday		Friday															
	Pentland Auditorium	Pentland Auditorium	Fintry Auditorium	Pentland Auditorium	Fintry Auditorium	Pentland Auditorium	Fintry Auditorium	Pentland Auditorium																
9:00	<p>Welcome by Sir Michael Atiyah, Royal Society of Edinburgh, C. Prior and J. Thomson, OC and LOC Chairmen</p> <p>Chair: Jean-Pierre Delahaye, CERN 09:20 The Global Design Initiative for an International Linear Collider, <i>Barry Barish (CALTECH, Pasadena, California)</i></p> <p>10:00 SCRFF Test Facilities toward the ILC, <i>Kenji Saito (KEK, Ibaraki)</i></p>	<p>Chair: E. Gianfelice-Wendt, FNAL/DESY 09:00 Tevatron Operational Status and Possible Lessons for the LHC, <i>Valeri Lebedev (Fermilab, Batavia, Illinois)</i></p> <p>09:30 RHIC Operational Status and Upgrade Plans, <i>Wolfram Fischer (BNL, Upton, Long Island, New York)</i></p> <p>10:00 LHC Luminosity and Energy Upgrades, <i>Walter Scandale (CERN, Geneva)</i></p>	<p>Chair: H. Danared, MSL 09:00 FFAG Accelerators and their Applications, <i>Yoshiharu Mori (KURRI Osaka)</i></p> <p>09:30 Development for New Carbon Cancer-therapy Facility and Future Plan of HIMAC, <i>Koji Noda (NIRS, Chiba-shi)</i></p> <p>09:50 Design of a Treatment Control System for a Proton Therapy Facility, <i>John C. Collins (IUCF, Indiana)</i></p> <p>10:10 MeV Photon Prod. by Laser Compton Scattering, <i>Haruo Ohkuma (JASRI/Spring-8, Hyogo-ken)</i></p>	<p>Chair: S. Nath, LANL 09:00 Latest Developments in Superconducting RF Structures, <i>Peter Kneisel (Jefferson Lab, Newport News, Virginia)</i></p> <p>09:30 New Developments on RF Power Sources, <i>Jörn Jacob (ESRF, Grenoble)</i></p> <p>10:00 Digital Low Level RF, <i>Maria Elena Anogletta (CERN, Geneva)</i></p>	<p>Chair: R. Garnett, LANL 09:00 Instabilities and Space Charge Resonances in High Intensity Accelerators, <i>Oliver Boine-Frankenheim (GSI, Darmstadt)</i></p> <p>09:30 Observation and Modelling of Electron Cloud Instability, <i>Katherine C. Harkay (ANL, Argonne, Illinois)</i></p> <p>10:00 Non-linear Collimation in Linear and Circular Colliders, <i>Angeles Faus-Golfe (IFIC, Valencia)</i></p>	<p>Chair: V. Sahni, RRCAT 09:00 Overview of the Status of the Diamond Project, <i>Richard Walker (Diamond, Oxfordshire)</i></p> <p>09:30 Overview of the Status of the SOLEIL Project, <i>Jean-Marc Filhol (SOLEIL, Gif-sur-Yvette)</i></p> <p>10:00 Laser Systems and Accelerators, <i>Holger Schlarb (DESY, Hamburg)</i></p>	<p>Chair: T. Weiland, TU-Darmstadt 09:00 State of the Art in EM Field Computation, <i>Cho-Kuen Ng (SLAC, Menlo Park, California)</i></p> <p>09:30 Development of Computational Tools for Halo Analysis and Study of Halo Growth in the SNS, <i>Dirk Alan Bartoski (ORNL)</i></p> <p>09:50 Ion Instability Observed in PLS Revolver In-vacuum Undulator, <i>Heung-Sik Kang (PAL, Pohang, Kyungbuk)</i></p> <p>10:10 Global and Local Coupling Compensation Experiments in RHIC using AC Dipoles, <i>Rama Calaga (BNL, Upton)</i></p>	<p>Chair: A. Skrinsky, BINP, Novosibirsk 09:00 Neutrino Factories and Beta Beams, <i>Michael Zisman (LBNL, Berkeley, California)</i></p> <p>09:30 HERA and the Next Generation of Lepton-ion Colliders, <i>Ferdinand J. Willeke (DESY, Hamburg)</i></p> <p>10:00 Design, Construction, Installation and First Commissioning Results of the LHC Cryogenic System, <i>Serge Claudet (CERN, Geneva)</i></p>																
10:30-11:00									Coffee Break															
11:00									<p>Chair: S.-I. Kurokawa, KEK 11:00 Laser-plasma Wakefield Acceleration: Concepts, Tests and Premises, <i>Victor Malka (Ecole Polytechnique, Palaiseau)</i></p> <p>11:30 LHC Progress and Commissioning Plans, <i>Oliver Sim Brining (CERN, Geneva)</i></p> <p>12:00 Operation of High-luminosity Meson Factories and the Challenge to go to the Next Generation, <i>Kazunori Akai (KEK, Ibaraki)</i></p>	<p>Chair: M. Minty, DESY 11:00 Femtosecond Bunch Length Measurements, <i>Steven Jamison (CCLRC/DL/ASTeC, Daresbury, Warrington)</i></p> <p>11:30 High Precision SC Cavity Alignment Diagnostics with HOM Measurements, <i>Josef Frisch (SLAC, Menlo Park, California)</i></p> <p>12:00 Developments in Beam Instrumentation and New Feedback Systems for the ILC, <i>Hiroshi Hayano (KEK, Ibaraki)</i></p>	<p>Chair: J.-M. Lagniel, GANIL 11:00 Gantry Design for Proton and Carbon Hadrontherapy Facilities, <i>Udo Weirich (GSI, Darmstadt)</i></p> <p>11:30 Latest Developments on Insertion Devices, <i>Pascal Elleaume (ESRF, Grenoble)</i></p> <p>12:00 A Diagnostic Kicker System as a Versatile Tool for Storage Ring Characterisations, <i>Olaf Dressler (BESSY GmbH, Berlin)</i></p>	<p>Chair: C. Pagani, LASA 11:00 Beam Delivery System in ILC, <i>Grahame A. Blair (John Adams Institute, Oxford)</i></p> <p>11:30 Damping Rings towards Ultra-low Emittances, <i>Susanna Guiducci (INFN/LNF, Frascati (Roma))</i></p> <p>12:00 CLIC Feasibility Study in CTF3, <i>Andrea Ghigo (INFN/LNF, Frascati (Roma))</i></p>	<p>Chair: P. Emma, SLAC 11:00 Modeling of Space Charge and CSR Effects in Bunch Compressor Systems, <i>Martin Dohlus (DESY, Hamburg)</i></p> <p>11:30 Beam Dynamics Measurement in the Vicinity of a Half-integer, <i>Takao Ieiri (KEK, Ibaraki)</i></p> <p>11:50 RF Phase Modulation Studies at the LNS Electron Storage Ring, <i>Natalia Prado Abreu (LNL, Campinas)</i></p> <p>12:10 Beam Dynamics Simulation in Electron Rings in the Regime of Strong RF Focusing, <i>Luciano Falbo (INFN-Pisa, Pisa)</i></p>	<p>Chair: A. Wrulich, PSI 11:00 Overview of FEL Injectors, <i>Massimo Ferrario (INFN/LNF, Frascati (Roma))</i></p> <p>11:30 Formation of Electron Bunches for Harmonic Cascade X-ray Free Electron Lasers, <i>Alexander Zholents (LBNL, Berkeley)</i></p> <p>11:50 Status of the SCSS Test Accelerator and XFEL Project in Japan, <i>Tsumoru Shintake (RIKEN Spring-8 Harima, Hyogo)</i></p> <p>12:10 An Integrated Femtosecond Timing Distribution System for XFELs, <i>Jung-Won Kim (MIT, Cambridge, Massachusetts)</i></p>	<p>Chair: M. Ross, SLAC 11:00 Ionization Profile Monitoring at the Tevatron, <i>Andreas Jansson (Fermilab, Batavia, Illinois)</i></p> <p>11:30 A Sub 100 fs Electron Bunch Arrival-time Monitor System for the VUV-FEL, <i>Florian Lohé (DESY, Hamburg)</i></p> <p>11:50 Measurement of the Beam Profiles with the Improved Fresnel Zone Plate Monitor, <i>Hiroshi Sakai (ISSP/SRL, Chiba)</i></p> <p>12:10 Record-high Resolution Experiments on Comparison of Spin Precession Frequencies, <i>Sergei Nikitin (BINP)</i></p>	<p>Chair: Won Namkung, PAL 11:00 Developments in Proton and Light-ion Therapy, <i>Sandro Rossi (CNAO Foundation, Milan)</i></p> <p>11:30 Overview of Single Pass Free Electron Lasers, <i>Claudio Pellegrini (UCLA, Los Angeles, California)</i></p> <p>Chair: C. Biscari, INFN-LNF 12:00 ITER and International Scientific Collaboration, <i>Stefano Chiochetto (ITER, Garching)</i></p>								
12:30-14:00																	Lunch Break							
14:00																	<p>Chair: S.P. Möller, U. Aarhus 14:00 Approaches to High Intensities at FAIR, <i>Peter J. Spiller (GSI, Darmstadt)</i></p> <p>14:30 Commissioning Highlights of the Spallation Neutron Source, <i>Norbert Holtkamp (ORNL, Oak Ridge, Tennessee)</i></p> <p>Chair: S. Schriber, State U. Michigan 15:00 Results from the VUV-FEL, <i>Jörg Rossbach (DESY, Hamburg)</i></p> <p>15:30 A Review of ERL Prototype Experience and Light Source Design Challenges, <i>Susan Louise Smith (CCLRC/DL/ASTeC, Daresbury, Warrington, Cheshire)</i></p>	<p>Chair: D. Findlay, CCLRC 14:00 Present Status of the J-PARC Accelerator, <i>Hiroshi Kobayashi (KEK, Ibaraki)</i></p> <p>14:30 Highlights from Commissioning HIRFL-CSR, <i>Wen-Long Zhan (IMP, CAS, Lanzhou)</i></p> <p>Chair: H. Eickhoff, GSI 15:00 The ERL High Energy Cooler for RHIC, <i>Ilan Ben-Zvi (BNL, Upton, Long Island, New York)</i></p> <p>15:30 Crystal Channelling in Accelerators, <i>Valery M. Biryukov (IHEP Protvino, Protvino, Moscow Region)</i></p>	<p>Chair: A. Mosnier, CEA 14:00 Rad. Measurements vs. Predictions for SNS, <i>Irina Popova (ORNL, TN)</i></p> <p>14:20 First Results of SNS Laser Stripping Experiment, <i>Viatcheslav V. Danilov (ORNL, TN)</i></p> <p>14:40 RF Cavity with Co-based Amorphous Core, <i>Mitsutaka Kanazawa (NIRS, Chiba-shi)</i></p> <p>Chair: E. Leveichev, BINP 15:00 The Final Collimation System for the LHC, <i>Ralph Assmann (CERN, Geneva)</i></p> <p>15:20 DAFNE Experience with Negative Momentum Compaction Factor, <i>Mikhail Zobov (INFN/LNF, Frascati (Roma))</i></p> <p>15:40 Operational Status of CESR-c, <i>James Arthur Crittenden (Cornell University, Ithaca, New York)</i></p>	<p>Chair: P. Burrows, U. of London 14:00 Energy Gain > 10 GeV in Plasma Wakefield Acc., <i>P. Muggli (U. Los Angeles)</i></p> <p>14:20 Optimum Frequency and Gradient for the CLIC Main Linac Accelerating Structure, <i>Alexej Grudiev (CERN, Geneva)</i></p> <p>14:40 MICE Overview - Physics Goals and Prospects, <i>Makoto Yoshida (U. Osaka)</i></p> <p>Chair: U. Ratzinger, IAP 15:00 First Results CRFQ Proof of Principle, <i>Daniele Davino (U. del Sannio, Benevento)</i></p> <p>15:20 LEIR Commissioning, <i>Christian Carli (CERN, Geneva)</i></p> <p>15:40 1.8 MW Upgrade of the PSI Proton Facility, <i>Pierre A. Schmelzbach (PSI, Villigen)</i></p>	<p>Chair: D. Lewis GE HealthCare 14:00 How to Create a Business out of Manufacturing Linacs, <i>Robert Wray Hamm (AccSys, Pleasanton, California)</i></p> <p>14:30 Can the Accelerator Control System be Bought from Industry? <i>Mark Plesko (Cosylab, Ljubljana)</i></p> <p>15:00 Synchrotron Technology for Industrial Research, Development and Quality Assurance - Experience in Commercial Services, <i>Tilo Baumbach (FZ Karlsruhe, Karlsruhe)</i></p>	<p>Chairman of the EPS-AG 2006 Prizes Committee: N. Angert, GSI 14:00 EPS-AG 2006 Prize Ceremony Presentations by: 14:15 <i>Young Scientist, to be announced</i> 14:30 <i>Lutz Lilje, DESY</i> 15:00 <i>Robert Jameson, IAP, will make the Prize Presentation on behalf of Vladimir Teplyaev, IHEP Protvino</i></p> <p>Chair: C. Prior, CCLRC 15:45 Special Presentation Before the Big Bang: An Outrageous New Perspective, and its Implications for Particle Physics, <i>Roger Penrose (Mathematical Institute, Oxford)</i></p>		
16:00-18:00	Poster Sessions																							

Session Code Colour Legend

Circular Colliders	Synchrotron Light Sources and FELs	Linear Colliders, Lepton Accelerators and New Acceleration Techniques	Hadron Accelerators	Opening, Closing and Special Presentations
Beam Instrumentation and Feedback	Accelerator Technology	Applications of Accelerators, Technology Transfer and Industrial Relations	Beam Dynamics and Electromagnetic Fields	