Morning Programme Outline of Invited and Contributed Oral Presentations to EPAC 2000

Monday 26 June 2000	Tuesday 27 June 2000	Tuesday 27 June 2000	Wednesday 28 June 2000 (A)	Wednesday 28 June 2000	Thursday 29 June 2000	Thursday 29 June 2000	Friday 30 June 2000
Main Auditorium E	Session Hall F1	Session Hall F2	Session Hall F1	Session Hall F2	Session Hall F1	Session Hall F2	Main Auditorium E
09:00-09:30 Opening Session Welcome: *S. Myers, CERN* *M. Regler, HEPHY*	*09:00-10:20*	*09:00-11:00*	*09:00-10:50*	*09:00-10:00*	*09:00-10:00*	*09:00-11:00*	*09:00-10:20*
09:30-10:00	**E.J.N. Wilson**	**S. Wolff**	**L. Picardi**	**G. Luijckx**	**R. Siemann**	**K. Schindl**	**B. Aune**
S. Myers	Electron Cloud Effects in the CERN SPS and LHC *F. Ruggiero, CERN* Halo Particle Confinement in the VLHC using Optical Stochastic Cooling *A. Zholents, LBL* Luminescence Profile Monitor of the CERN SPS *R. Jung, CERN* Studies for the Neutrino Factory at CERN *H. Haseroth, CERN*	Overview of the LHC Magnets, other than Main Dipoles *N. Siegel, CERN* Millimeter-Wave Structures and Power Sources *H. Henke, TU-Berlin* Application of High Temperature Superconductors to Accelerators *A. Ballarino, CERN* Large Cryogenic Systems at 1.8 K *L. Tavian, CERN*	Application of UV-to X Rays produced by 3rd Generation SRSs and Perspectives for 4th Generation Machines *J.R. Schneider, DESY* Latest Developments in Proton Therapy *E. Pedroni, PSI* Review of Present and Future of Ion Bam Therapy *J. Alonso, LBNL* Accelerator Mass Spectrometry at VERA, Vienna *W. Kutschera, VERA*	Diagnostic Tools for Ultra-Low Emittance and Ultra-Short Electron Bunches *H. Schlarb, DESY* Novel Applications of Optical Diagnostics *O. Chubar, ESRF*	Progress and Trends in SCRF Cavities for Future Accelerators *H. Safa, CEA* The Variation of the Secondary Electron Yield of Technical Materials submitted to the Impact of Energetic Photons and/or Electrons *N. Hilleret, CERN*	Review of High Intensity Hminus Sources and Matching to High-Power RFQ's *J. Peters, DESY* Synchrotrons and Accumulators for High Intensity Protons: Issues and Experiences *J. Wei, BNL* Overview of High-power CW Proton Accelerators *J.D. Schneider, LANL* AUSTRON, A Central European Pulsed Spallation Neutron Source *P. Bryant, CERN*	Experimental Results and Technical Research and Development at: TTF (DESY) *D. Trines, DESY* CTF (CERN) *H. Braun, CERN* NLCTA (SLAC) *C. Adolphsen, SLAC* ATF (KEK) *J. Urakawa, KEK*
10:00-11:00	*10:20-11:00*	***11:00-11:30 Coffee***	*10:50-11:20* ***Coffee***	*10:00-11:00*	*10:00-11:00 free*	***11:00-11:30 Coffee***	*10:20-11:20*
G. Vignola	**J. Le Duff**	*11:30-12:30*	*11:20-12:40*	**G.Luijckx**	***11:00-11:30 Coffee***	*11:30-12:30*	**M. Poole**
DAΦNE Performance *M. Zobov, INFN-LNF* PEP II Performance *J. Seeman, SLAC*	LEP Operation and Performance with 100 GeV Colliding Beams *R. Assmann, CERN* PRISM: A Phase Rotator to Obtain an Intense Monochromatic Muon Beam *Y. Mori, KEK*	**M. Craddock**	**B. Zotter**	Beam Measurements for Luminosity Optimisation in DAΦNE *F. Sannibale, INFN-LNF* Schottky Cavity Measurements at RHIC *P. Cameron, BNL* Stabilization of Beam Interaction in the TESLA Linear Collider *I. Reyzl, DESY*	*11:30-12:30*	**R. Garoby**	The European UV-VUV Storage Ring FEL Project at ELETTRA *R. Walker, Sincrotrone Trieste* Recent SASE Free Electron Laser Results *J. Rossbach, DESY*
11:00-11:30 Coffee	***11:00-11:30 Coffee***	Overmoded Rectangular Waveguide Components for a Multi-Moded RF Power Distribution System *S. Tantawi, SLAC* First Results with the Full Niobium Superconducting RFQ Resonator at INFN-LNL *G. Bisoffi, INFN-LNL* Testing of Accelerating and Bunching Structures for ISAC *R. Poirier, TRIUMF*	Studies of Transverse Electron Cooling *H. Danared, MSL* Demonstration of Bunch Triple Splitting in the CERN PS *R. Garoby, CERN* Inductive Impedance and Longitudinal Instability *A. Novokhatski, TU-Darmstadt* Hydroforming of TESLA Cavities at DESY *W. Singer, DESY*	***11:00-11:30 Coffee***	Thermo-mechanical Model of the LHC Main Dipole Structure and Assessment of Field Quality *W. Scandale, CERN* High Power Switch-mode Power Converters for the 1.4 GeV PS-Booster Beam Transfer Lines at CERN *S. Dewan, DPS, Inc.* Development of Meander-Line Current Structure for the SNS Fast 2.5-MeV Beam Chopper *S. Kurennoy, LANL*	*11:30-12:30*	***11:20-11:50 Coffee***
11:30-12:30	*11:30-12:00*	*11:30-12:30*	*11:20-12:40*	*11:30-12:30*		**I. Gardner**	*11:50-12:20*
K. Hübner	**S. Tazzari**	**C. Bovet**	**B. Zotter**	**C. Bovet**		High-Intensity Proton Accelerators for the JAERI/KEK Joint Project *Y. Yamazaki, KEK* The Saclay High-Intensity Proton Injector Project *P.-Y. Beauvais, Saclay* Performance of the RF-gun based Injector of the TESLA Test Facility Linac *S. Schreiber, DESY*	**L. Rivkin**
KEKB Performance *Y. Funakoshi, KEK* Intense Muon Sources for Neutrono Factories and Muon Colliders *N. Holtkamp, DESY*	Accelerator Physics Issues: Luminosity, Feedback, Backgrounds *O. Napoly, CEA Saclay*	Limitations of Multibunch Feedback Systems and Extrapolation *E. Kikutani, KEK* Review of Streak Cameras for Accelerators: Features, Applications and Results *K. Scheidt, ESRF*	Studies of Transverse Electron Cooling *H. Danared, MSL* Demonstration of Bunch Triple Splitting in the CERN PS *R. Garoby, CERN* Inductive Impedance and Longitudinal Instability *A. Novokhatski, TU-Darmstadt* Hydroforming of TESLA Cavities at DESY *W. Singer, DESY*				New Modes of Acceleration *R. Siemann, SLAC* *12:20-12:50*
	12:00-12:40						**L. Rivkin**
	S. Tazzari						Physics Expectations from Future Accelerators *Cecilia Jarlskog, CERN*
	Very High Gradient Test of a 30 GHz Single Cell Resonant Cavity *H. Braun, CERN* Beam Optics and Scattering in the NLC Post-Linac Collimation System P. *Tenenbaum, SLAC*						*12:50-13:10* Closing Remarks by L. Rivkin, PSI

Afternoon Programme Outline of Invited and Contributed Oral Presentations to EPAC 2000

Monday 26 June 2000 Main Auditorium E	Tuesday 27 June 2000 Auditorium F1	Tuesday 27 June 2000 Auditorium F2	Wednesday 28 June 2000 Auditorium F1	Wednesday 28 June 2000 Auditorium F2	Thursday 29 June 2000 Auditorium F1	Thursday 29 June 2000 Auditorium F2	Friday 30 June 2000 Main Auditorium E
14:00-16:00	*14:00-15:00*	*14:00-16:00*	*14:00-15:00*	*14:00-16:00*	*14:00-16:00*		
F. Willeke	**A. Wrulich**	**N. Angert**	**L. Rivkin**	**Session for Industry Part 1**	**V. Suller**		
The LHC Magnet Program: from Accelerator Physics Requirements to Production in Industry *C. Wyss, CERN* Twelve Years of Beam in LEP: the Good, the Bad, and the Unforeseen *S. Myers, CERN* Prospects of High Energy Electron Cooling *Ya. Derbenev, U. Michigan* Future Possibilities for HERA *G. Hoffstätter, DESY*	Towards the Ultimate Storage Ring-based Synchrotron Light Source *A. Ropert, ESRF* Insertion Devices: New Concepts and Performance *G. Ingold, PSI* *15:00-16:00* **J.-M. Filhol** Commissioning of the 2.5 GeV Storage Ring of ANKA *D. Einfeld, FZK* Evolution of the DIAMOND Light Source Project M. *Poole, DL* Nonlinear Dynamics in SPEAR Insertion Devices *J. Safranek, SLAC*	Survey of Radioactive Beam Facilities *A.C. Mueller, IPN* Storage Rings of Ions and Radioactive Beams *I. Katayama, CNS, U. Tokyo* Status and Development of ECR Ion Sources *P. Sortais, ISN, Grenoble* The New High Current Ion Accelerator at GSI and Perspectives for Linac Design based on H-Mode Cavities *U. Ratzinger, GSI* 16:00-16:20 **K. Blasche** Ordered Ion Beams: Recent Experimental and Theoretical Progress *M. Steck, GSI*	Collective Effects Associated with Ultra-high Beam Intensities in Factories *M.G. Minty, SLAC* Precise Accelerator Models using Measurements with Beam *F. Zimmermann, CERN* 15:30-16:30 ***Mini-workshop*** **J. Safranek** Enhanced Performance of the Advanced Light Source through Periodicity Restoration of the Linear Optics *D. Robin, LBNL* Work at ESRF to Characterise and Correct the Coupling *R. Nagaoka, ESRF* Beamline Model Verification using Model Independent Analysis *J. Irwin, SLAC*	**M. Regler** Challenge of Future Accelerators *K. Hübner, CERN* Technology Transfer from Accelerator Laboratories *A.-P. Hameri, Helsinki Inst. Phys.* Application of Neutron Spallation Sources *A. Furrer, ETH-Zürich & PSI* Application ofSynchrotron Light Sources *P. Laggner, U. Graz* **Room Change Room N** 16:00-17:00 **Part 2 Meeting on Cooperation and Contracts** Introduction & Chair: *A. Wrulich, PSI* Accelerators in Industry *H.F. Hoffmann, CERN* Does Patenting Impair Communication? *F. Bourgeois, CERN* Two examples of cooperation in the Field of High Technology: *H.-U. Klein, ACCEL* *H.-C. Kurzweil, Geoconsult*	EPS-IGA 2000 Prize Ceremony and Presentations: *P. Raimondi, SLAC* *E. Keil, CERN* *16:00-16:30* **M. Regler** Vacuum in Philosophy, Physics and Classical Music *H. Pietschmann, U. Vienna*		