

**Morning Programme Outline of Invited and Contributed Oral Presentations to EPAC'02**

Monday 3 June 2002	Tuesday 4 June 2002	Tuesday 4 June 2002	Wednesday 5 June 2002	Wednesday 5 June 2002	Thursday 6 June 2002	Thursday 6 June 2002	Friday 7 June 2002
<b>Gaston Berger</b>	<b>Gaston Berger</b>	<b>Louis Armand</b>	<b>Gaston Berger</b>	<b>Louis Armand</b>	<b>Gaston Berger</b>	<b>Louis Armand</b>	<b>Gaston Berger</b>
09:00-09:10 Welcome: <i>Jean-Louis Laclare, CEA</i> <i>J. Le Duff, LAL</i> <i>L. Rivkin, PSI</i>	09:00-10:00 D. Proch, DESY State of the Art Multi-cell SC Cavities & Perspectives <i>P. Kneisel, TJNAF</i>	09:00-10:00 M. Poole, ASTeC DL First Operation of the Swiss Light Source <i>M. Böge, PSI</i>	09:00-10:00 J.-P. Delahaye, CERN Intense Ion Beams from Rel. Laser Plasmas <i>E. Brambrink, GSI</i>	09:00-10:00 C. Pagani, INFN-LASA JAERI-KEK Project High Field Gradient Cavity <i>C. Ohmori, KEK</i>	09:00-10:00 M. Craddock, TRIUMF CEBAF Electron-Ion Collider <i>L. Merminga, TJNAF</i>	09:00-10:00 S. Nath, LANL New Generation EBIS: HC Devices for Accelerators & Colliders <i>E. Beebe, BNL</i>	09:00-10:00 A. Müller, IPN Accelerator Challenges of Proposed Radioactive Beam Facilities <i>O. Boine-Frankenheim, GSI</i>
09:10-09:30 Jean-Louis Laclare, CEA Research in Europe <i>F. Cozzani, EU</i>	State of the Art Power Coupler for SC RF Cavities <i>I. Campisi, TJNAF</i>	Optimisation of Modern Light Source Lattices <i>S.L. Smith, ASTeC DL</i>	Collimator Wakefield Kicks at the SLC <i>M. Seidel, DESY</i>	Field Quality of LHC Dipoles in Operating Cond. <i>L. Walckiers, CERN</i>	Status of the LHC Beam in the CERN SPS <i>G. Arduini, CERN</i>	Scaled Penning H-Surface Plasma Source for HP Proton Drivers <i>J. Sherman, LANL</i>	Cyclotron Accelerators: Performance in 2002 and New Developments <i>Th. Stambach, PSI</i>
09:30-10:40 R. Brinkmann, DESY Operational Experience and Performance Limitations in e+e- Factories <i>K. Oide, KEK</i>	10:00-10:30 C. Wyss, CERN RHIC Status & Plans <i>F. Pilat</i>	10:00-10:30 A. Jackson, LBNL ERL: An Alternative Light Source Concept <i>G. Kulipanov, BINP</i>	HOM Beam Coupling Measurements at the TTF <i>G. Devanz, CEA</i>	LHC Machine Control <i>R. Rausch, CERN</i>	Polarized Protons in RHIC with Siberian Snakes <i>T. Roser, BNL</i>	Neutrino Factory in Japan : Based on FFAG Accelerators <i>Y. Mori, KEK</i>	
LHC Status <i>R. Schmidt, CERN</i>	10:30-11:00 <i>Coffee</i>	10:30-11:00 <i>Coffee</i>	10:00-10:30 T. Weiland TU Darmstadt Field Quality vs. Beam-based Corrections in Large Hadron Colliders <i>O. Brüning, CERN</i>	10:00-10:30 W. Schnell, CERN Reliability-Availability of Accelerators <i>L. Hardy, ESRF</i>	10:00-10:30 G. Luijckx, NIKHEF Global Position Feedback in SR Sources <i>V. Schlott, PSI</i>	10:00-10:30 S. Nath, LANL Control of SC RF Cavities in HP Proton Linacs <i>A. Mosnier, CEA</i>	10:00-10:30 S. Myers, CERN Commercial Production and Use of Antiprotons <i>G. Jackson, Hbar Technologies, LLC</i>
10:40-11:10 <i>Coffee</i>	11:00-11:30 C. Wyss, CERN HERA Re-commissioning <i>F. Willeke, DESY</i>	11:00-11:30 A. Jackson, LBNL Accelerator Physics Challenges of X-Ray FEL SASE Sources <i>P. Emma, SLAC</i>	11:00-11:30 T. Weiland TU Darmstadt Review of Beam Dynamics in High Intensity Linacs <i>I. Hofmann, GSI</i>	11:00-11:30 W. Schnell, CERN High Brightness Electron Injectors <i>L. Serafini, U. Milan</i>	11:00-11:30 G. Luijckx, NIKHEF Beam Loss Monitoring Methods and Control <i>K. Wittenberg, DESY</i>	11:00-11:30 S.P. Møller, ISA Applications of Spallation Neutron Scattering <i>W. Fischer, PSI</i>	11:00-12:00 S. Myers, CERN Accelerators in Art and Archaeology <i>J.-C. Dran, Musées de France</i>
11:10-11:40 R. Brinkmann, DESY Tevatron Run-II Performance and Plans <i>M. Church, FNAL</i>	11:30-12:10 C. Wyss, CERN Requirements & Design Criteria for LHC Collimation System <i>R. Assmann, CERN</i>	11:30-12:30 J.-M. Filhol, SOLEIL SOLEIL Project Status <i>M.-P. Level, U. Paris-Sud</i>	11:30-12:30 T. Weiland TU Darmstadt Creation of Hollow Bunches by Redistribution of Phase Space Surfaces <i>C. Carli, CERN</i>	11:30-12:30 Y. Cho, ANL SC RFQ's for Ion Beam Operation at INFN-Legnaro <i>G. Bisoffi, INFN-Legnaro</i>	11:30-12:30 T. Shintake, KEK Longitudinal Quadrupole Instability in DAFNE <i>A. Drago, INFN-LNF</i>	11:30-12:30 S.P. Møller, ISA Advances in TOP Linac Constructions <i>L. Picardi, ENEA</i>	Biology with Synchrotron Radiation after the Human Genome Project <i>C. Bränden, Karolinska Institute</i>
11:40-12:40 S. Tazzari, Univ. Roma II SC Magnets for a Super LHC <i>T.M. Taylor, CERN</i>	Crystal Collimation at RHIC <i>R. Fliller, BNL</i>	Completion of the ALS Superbend Project <i>D. Robin, LBNL</i>	Intra-beam Scattering Measurements in RHIC <i>W. Fischer, BNL</i>	Test of SOLEIL SC Cavity Prototype on ESRF Ring <i>J. Jacob, ESRF</i>	Diagnostic System of TTF II <i>D. Nölle</i>	Status of the High Current Proton Accelerator for the TRASCO Program <i>P. Pierini, INFN-Milano</i>	12:00-12:30 L. Rivkin, PSI The Future of High Energy Physics with Neutrino Factories <i>A. de Rujula, CERN</i>
High Gradient Breakdown in Normal Conducting RF Cavities <i>W. Wuensch, CERN</i>	12:10-12:30 K. Blasche, GSI Emittance Growth due to Laser Non-uniformity <i>I. Ben-Zvi, BNL</i>	Upgrade Opportunities at the APS made possible by Top-Up Operations <i>L. Emery, ANL</i>	Demonstration of Exponential Growth and Saturation at VUV Wavelengths at the TTF Free Electron Laser <i>P. Castro, DESY</i>	Integrated Design for Beta=0.175 Spoke Resonator & Power Coupler <i>F. Krawczyk, LANL</i>	Trans. Beam Profile Measurements for High Power Proton Beam <i>P. Ausset, IPNO</i>	ELYSE – An Intense Electron Linac for Pulsed Radiolysis Research <i>T. Garvey, LAL</i>	12:30-12:45 Closing Remarks <i>L. Rivkin, Programme Chairman</i>

### Afternoon Programme Outline of Invited and Contributed Oral Presentations to EPAC'02

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Gaston Berger	Gaston Berger		Gaston Berger	Louis Armand	Gaston Berger	Louis Armand	Baston Berger
<p>14:00-16:00 B. Aune, CEA Review of Linear Collider Designs, Path to the Future <i>M. Tigner, U. Cornell</i></p> <p>Luminosity Limitations at the Multi-TeV Linear Collider Energy Frontier <i>D. Schulte, CERN</i></p> <p>Review of SC vs. Conventional Acc. Systems for Next Generation Linear Colliders <i>C. Adolphsen, SLAC</i></p> <p>Review of Ultra High-gradient Acceleration Schemes, Results of Experiments <i>R. Assmann, CERN</i></p>	<p>14:00-14:30 K. Blasche, GSI Ultra High Precision with a Muon Storage Ring <i>B.L. Roberts, U. Boston</i></p> <p>14:30-16:00 W.T. Weng, BNL The SNS Linac &amp; Storage Ring: Challenges &amp; Progress <i>N. Holtkamp, ORNL</i></p> <p>The JAERI-KEK Joint Project <i>Y. Yamazaki, KEK</i></p> <p>High Power Proton Linacs, Applications &amp; Design Concepts <i>R. Maier, FZJ</i></p>		<p>14:00-16:00 F. Ruggiero, CERN Recent Developments in the Study of the Beam-beam Interaction with Parasitic Collisions: Theory &amp; Simulations <i>K. Yokoya, KEK</i></p> <p>Idem: Measurements and Feedback <i>M. Minty, DESY</i></p> <p>Impedances: Measurements and Calculations for Non-symmetric Structures <i>J. Gareyte, CERN</i></p> <p>Electron Cloud and Ion Effects <i>G. Arduini, CERN</i></p>	<p>14:00-15:40 TT Session and For Industry A. Wrulich, PSI Trends and Plans for the Future in the Accelerator Field <i>S. Bertolucci, INFN, Rome</i></p> <p>Technology Incubator <i>P. Schwaller, SMACC</i></p> <p>Reviw of TT at CERN <i>J.A. Rubio, CERN</i></p> <p>Relations between Accelerator Institues and Industry <i>B. Nielsen, Danfysik A/S</i></p> <p>Experience with Industry during the Construction of a Large Accelerator <i>D. Krämer, BESSY</i></p>	<p>14:00-15:15 F. Willeke, DESY EPS-IGA 2002 Prize Ceremony and Presentations: Two-Stream Effects in Present and Future Accelerators <i>F. Zimmermann, CERN</i></p> <p>Accelerator Based Neutrino Beams <i>K. Hübner, CERN</i></p> <p>15:15-16:00 Jean-Louis Laclare, CEA Is the Passage of Time Accelerating? <i>E. Klein, CEA</i></p>		