

Programme Outline of Oral Contributions (invited and contributed) to EPAC'98

MORNING SESSIONS

Date/Time	Monday 22 June 1998	Tuesday (A) 23 June 1998	Tuesday (B) 23 June 1998	Wednesday (A) 24 June 1998	Wednesday (B) 24 June 1998	Thursday (A) 25 June 1998	Thursday (B) 25 June 1998	Friday 26 June 1998
	Main Auditorium	Main Auditorium	Auditorium B	Main Auditorium	Auditorium B	Main Auditorium	Auditorium B	Main Auditorium
Chairmen	S. Tazzari/K.G. Rensfelt	M. Craddock	G. Rees	B. Franzke	J. Le Duff	J.L. Laclare	C.J. Herriander	L. Picardi
09:00	Welcome & Announcements	Technology of Cryogenics for Storage Rings H. Lierl, DESY (30')	Review of Linac and Beam Transport Systems for Transmutation J.M. Lagniel, CEA (30')	Recent Developments at Ion Storage and Cooler Rings D. Reistad, TSL Uppsala (30')	Performance of DAΦNE C. Biscari, Frascati (30')	Review of New Manifestations of Collective Effects F. Ruggiero, CERN (30')	Superconducting Niobium Films for RF Cavities P. Darriulat, CERN (30')	Developments in the Design of Proton & Ion Accelerators for Medical Use Ph. Bryant, CERN (30')
Chairman	K.G. Rensfelt	Permanent Magnets for Accelerators: Experience with Beam G.W. Foster, FNAL (30')	Review of High Beam Current RFQ Accelerators and Funnels J.D. Schneider, LANL (30')	Laser Ion Sources for Highly Charged Ions B. Sharkov, ITEP (30')	Results of the CESR Upgrade D. Rubin, Cornell (30')	Review of Difficulties in Achieving Short Bunches in Storage Rings C. Limborg, SSRL (30')	Review of Experience with HOM Damped Cavities H. Padamsee, Cornell (30')	First Patient Treatment at GSI with Heavy Ions G. Kraft, GSI (30')
Chairman	F. Willeke	Chair: M. Craddock	Review of Spallation Neutron Source Accelerators I. Gardner, RAL (30')	Commissioning of SPIRAL M. Lieuvain, GANIL (30')	Design Wu Yingzhi, IHEP, Beijing (30')	Chair: C.J. Herriander	IFMIF: A High Intensity Deuteron Beam Application M. Martone, ENEA (30')	TJNL FEL Industrial Applications G. Neil, TJNL (30')
09:45	LHC - Accelerator Physics & Technology Challenges L. Evans, CERN (30')	<i>3 (20') contributed papers:</i> Experience with the LEP Vacuum System during Operation at Energies above 90 GeV & Future Expectations N. Hilleret, et al. CERN	10:30-11:00 COFFEE	10:30-11:00 COFFEE	10:30-11:00 COFFEE	Chair: J.L. Laclare	<i>2 (20') contributed papers</i> Finding Stability Thresholds caused by Short-Range Wake Fields R. Baartmann et al., TRIUMF	11:00-11:30 COFFEE
10:15	HERA Upgrade Plans E. Gianfelice-Wendt, DESY (30')	Superconducting Magnets for use inside the HERA ep Interaction Regins B. Parker, et al. DESY	Chair: W.T. Weng	Chair: K.-H. Kissler	Chair: W. Schnell	<i>3 (20') contributed papers</i> Landau Cavities at MAX II M. Georgsson et al., MAXLAB	Study of the Fast Beam-Ion Instability in the Pohang Light Source I.S. Ko et al., PAL/Postech	Chair: S. Myers
	10:45-11:10 COFFEE	State of the Short Dipole Model Program for the LHC N. Siegel, et al. CERN	Progress on Intense Proton Beam Dynamics & Halo Formation M. Pabst, KFA Jülich (30')	Results on Lead Ion Accumulation in LEAR for the LHC M. Chanel et al., CERN	LEP2 Present and Future Performance and Limitations K. Hübner, CERN (30')	A Particle Core Model for Space Charge Dynamics in Rings J.A. Holmes et al., ORNL	The Nobel Prize Accelerator A. Bárány, MSI (30')	Energy Amplifier/Accelerator Driven Transmutation C. Rubbia, CERN (30')
Chairman	F. Willeke	Chair: W.T. Weng	Chair: W.T. Weng	Performance of the High Precision Schottky Mass Spectrometry at the ESR B. Franzke et al., GSI	PEP-II Status Report J. Dorfan, SLAC (30')	The US Dept. of Energy Grand Challenge in Computational Accelerator Physics R. Ryne et al., SLAC	10:40-11:10 COFFEE	Closing Remarks S. Myers, Chairman of Programme Cttee
11:10	Tevatron Luminosity Upgrade Project J. Marriner, FNAL (30')	<i>3 (20") contributed papers</i> Production of High Current-High Charge States Ions with the SC ECR Ion Source SERSE G. Ciavola et al., INFN	11:00-11:30 COFFEE	Chair: G. Luijckx	Present Status of KEKB Project (30') S.I. Kurokawa, KEK (30')	11:00-11:30 COFFEE	Chair: G. Vignola	13:00 LUNCH
11:40	RHIC Status S. Peggs, BNL (30')	Development of High Current Polarized H ⁺ Ion Sources at TRIUMF C.D.P. Levy et al., TRIUMF	12:40 LUNCH	Beam Diagnostics Revisited H. Koziol, CERN (30')	12:30 LUNCH	Chair: G.A. Voss	Chair: G. Vignola	
	Chair: K. Johnsen	Chair: M. Eriksson	Optical Techniques in Beam Diagnostics M. Ferianis, Sincrotrone Trieste (30')	Optical Techniques in Beam Diagnostics M. Ferianis, Sincrotrone Trieste (30')	<i>3 (20') contributed papers</i> Experiments on Laser Channeling for Standard Laser Wakefield Accelerators at LBNL W.P. Leemans et al., LBNL	<i>3 (20') contributed papers</i> A Multi-Moded RF Delay Line Distribution System for the Next Linear Collider (NLC) S.G. Tantawi et al., SLAC	Review of Orbit Control C. Bocchetta, Sincrotrone Trieste (30')	
12:10	<i>Two (20') contributed papers:</i> What did we learn from the Extraction Experiments with Bent Crystals at the CERN SPS? W. Herr, et al. CERN	Recent Developments in HELIOS Compact Synchrotrons N.C.E. Crosland et al., Oxford Instruments	The DRIFT Source: A Modular Negative Ion Source for DC Multi-Amperes Ion Beams A. Simonin et al., EURATOM-CEA	12:30 LUNCH	Coherent Mode Analysis of High Intensity Beams in Synchrotrons S. Machida, KEK	Test Results on the SC 9-cell Cavities for the TESLA Test Facility Linac M. Pekeler, DESY	Chair: G. Vignola	
12:30	A Collimation Experiment with Protons at 120 GeV J.B. Jeanneret, et al. CERN	A Novel Fast Switching Linear/Helical Undulator J. Chavanne et al., ESRF	Start of Commissioning for the High Brilliance Synchrotron Light Source BESSY II D. Krämer et al., BESSY		First Successful Operation of the Fusion FEM C.A.J. van der Geer et al., FOM	A New Type of RF Cavity for High Intensity Proton Synchrotron using High Permeability Magnetic Alloy Y. Mori et al., KEK	12:40 LUNCH	
	12:50 LUNCH	12:30 LUNCH			12:30 LUNCH	12:40 LUNCH		

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AFTERNOON SESSIONS

Date/ Time	Monday 22 June 1998	Tuesday (A) 23 June 1998	Tuesday (B) 23 June 1998	Wednesday (A) 24 June 1998	Wednesday (B) 24 June 1998	Thursday (A) 25 June 1998	Thursday (B) 25 June 1998	Friday 26 June 1998
	Main Auditorium	Main Auditorium	Auditorium B	Main Auditorium	Auditorium B	Main Auditorium	Auditorium B	Main Auditorium
Chairmen	A.N. Skrinsky	M. Poole		C. Bovet	S. Rosander	W. Joho		
14:30	LC Projects at DESY R. Brinkmann, DESY (30')	Light Source Performance Achievements	Poster Session manned from 16:00 to 18:00	Review of Feedback Systems K. Balewsky, DESY (30')	Seminar for Industry	<i>Prize Presentations (5')</i>	Poster Session manned from 16:00 to 18:00	Visits to MSL and TSL
15:00	The Stanford & Berkeley LC Projects D. Burke, SLAC (30')	J.L. Laclare, Soleil, Paris (30')	Industrial Exhibition	RF Feedback Systems for SC Cavities A. Mosnier, Saclay (30')	Technology and Commercial Supply of Components for the LHC Project P. Faugeras, CERN (30')	Design and First Operation of the Electrostatic Storage Ring, ELISA S.P. Møller, ISA, Aarhus (30')	Industrial Exhibition	
15:30	The Japan LC Project M. Kihara, KEK (30')	Review of Compton Scattering Projects A. D'Angelo, Univ. di Roma 2 (30')		Chair: C. Bovet	Linear Collider Projects and their Possible Impact on Industry M. Leenen, DESY (30')	Non-Evaporable Getters: from Pumping Strips to Thin Film Coatings C. Benvenuti, CERN (40')		
16h00	The CLIC Study of a 0.5 to 5 TeV e ⁺ e ⁻ Linear Collider J.P. Delahaye, CERN (30')	Is the High Gain FEL the 4th GLS? C. Pellegrini, UCLA (30')		<i>3 (20') contributed papers</i>	High Power Accelerators for Waste Transmutation and Energy Conversion - Technologies and the Industrial Viewpoint C. Mileikowsky, Switzerland (30')	Chair: W. Joho		
16:30	Chair: A.N. Skrinsky	Overview of Synchrotron Radiation & FEL Projects R. Walker, Sincrotrone Trieste (30')		Multi-Bunch Longitudinal Dynamics and Diagnostics via a Digital Feedback System at PEP-II, DAΦNE, ALS and SPEAR J. Fox et al., SLAC	How can Small and Medium- sized Companies Play a Rôle in Future Accelerator Projects B.R. Nielsen, Danfysik A/S (30')	Accelerator Schemes based on Lasers and Plasmas P. Miné, Ecole polytechnique (20')		
	<i>One (20') contributed paper</i> A New Method of RF Power Generation for Two-Beam Linear Colliders R.D. Ruth et al, CERN & SLAC	Post-deadline 10-minute oral presentation: Lasing at Wavelength of 226 nm with the OK- 4/Duke Storage Ring FEL V.N. Litvinenko, Duke U.		Recent Luminosity Increases at the SLC N. Phinney, SLAC	How can Small and Medium- sized Companies Play a Rôle in Future Accelerator Projects B.R. Nielsen, Danfysik A/S (30')	Muon Collider Progress R. Noble, FNAL (20')		
	Poster Session manned from 16:00 to 18:00			Status of the HIDIF Study C.R. Prior, RAL	Synchrotron Radiation Projects of Industrial Interest N. Marks, CLRC Daresbury (30')			
	Industrial Exhibition			Poster Session manned from 16h00 to 18h00	Industrial Exhibition			

Morning sessions start at 09:00 each day. Times and lengths of coffee and lunch breaks vary according to the presentations. Afternoon sessions start at 14:30.

Oral presentations are in parallel during the mornings on Tuesday, Wednesday and Thursday, 23 to 25 June 1998.

Poster sessions are scheduled from Monday to Thursday, 22 to 25 June from 16:00 to 18:00. Posters should be mounted during the mornings. They must be manned from 16:00 to 18:00.

The Industrial Exhibition will take place from Monday to Thursday, 22 to 25 June 1998.

The Reception will take place at 18:30 on Monday 22 June 1998. The Conference Dinner will take place at 19:30 on Thursday 25 June 1998.