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Brief Report on EPAC'08 Organization

Caterina Biscari, LNF-INFN
EPAC 08 Chair

Christine Petit-Jean-Genaz, CERN AB
Conferences Coordinator

A large sailing ship is docked in a harbor at night. The ship's masts are illuminated from below, creating a bright glow. The water reflects the lights, and the background shows a cityscape with buildings and lights. The text "EPAC 08" is overlaid on the left side of the image.

EPAC 08

Genova 23-27 June 2008



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EPAC'08 Genoa, Italy

EPAC'08 Genoa, Italy
magazzini del cotone
11th European Particle Accelerator Conference June 23 - 27, 2008

Organizing Committee

Rene Bakker, PSI, Villigen
Caterina Biscari*, INFN-LNF, Frascati - OC Chair
Carlo Bocchetta*, Sincrotrone Trieste
Reinhard Brinkmann*, DESY, Hamburg
Oliver Brüning*, CERN, Geneva - SPC Chair
Håkan Danared, MSL, Stockholm University
Harmut Eickhoff*, GSI, Darmstadt
Jean-Marc Filippi, SOLIS, DESY, Yvette
David Findlay*, STFC/RALISIS, Oxfordshire
Robert Gamet*, LANL, Los Alamos
Robert Holtkamp, ITER, Cadarache
Shane Koscielniak*, TRIUMF, Vancouver
Swarna Kotahar*, RRCAT, Indore
Shin-ichi Kurokawa, KEK, Tsukuba
Akira Noda*, ICR, Kyoto University
Michael Palmer*, ACCEL, Bangorich Glasbach
Francisco Pérez, CELLS, Barcelona
Christine Petit-Jean-Genaz*, CERN, Geneva
Paolo Parrini*, INFN-LASA, Milano - LOC Chair
Christopher Prior, STFC/RAL/ASTeC, Oxfordshire
Ulrich Raftoyiannis, IAF, Frankfurt-am-Main
Vinod Sahni, RRCAT, Indore
Rüdiger Schmidt*, CERN, Geneva
Paul Schmitz*, TRIUMF, Vancouver
Stan Schreiber, Michigan State University
Yuri Shatunov, BINP, Novosibirsk
Susan Smith, STFC/DI/ASTeC, Chesham
Ulrich van Rienen, Rostock University
Kay Wittenberg*, DESY, Hamburg
Andrzej Wolicki*, CI, Daresbury

Local Organizing Committee

Ivan Andrić, Sincrotrone Trieste
Caterina Biscari, INFN, Frascati
Carlo Bocchetta, Sincrotrone Trieste
Bruno Buonanno, INFN, Frascati
Stefano DeLuca, Sincrotrone Trieste
Claudio Federico, INFN, Frascati
Maria Rita Ferrazza, INFN, Frascati
Cristiana Fianchetta, PCO-Theoffice
Annelisa Ghigo, INFN, Frascati
Fabio Marcolini, INFN, Frascati
Marina Mazzilli, Sincrotrone Trieste
Carlo Pagani, INFN, Milano
Renzo Passoli, INFN, Genova
Christine Petit-Jean-Genaz, CERN
EPAC Conference Coordinator
Paolo Piovini, INFN, Milano - LOC Chair
Nadia Santoro, PCO-Theoffice
Daniela Sartore, INFN, Milano

* Scientific Programme Committee Member

www.epac08.org www.epac08.org www.epac08.org www.epac08.org

The last EPAC in the series took place fittingly in Genoa, 20 years after the first which took place in Rome.

The poster was selected following a competition between 3 Italian institutes participating in the organization of the conference

...

14 November, 2008

IPAC'10 OC/1



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Organizing Bodies

- **EPS-AG Elected Board**
 - 18 elected members with 6 year mandates
- **OC**
 - The EPS-AG elected Board ("core" OC)
 - Representatives of APAC ('07 and '10) and PAC ('05, '07 and '09)
 - Met 4 times, including during the conference
- **SPC**
 - A sub-committee of 8 plus a Chair from the "core"
 - Representatives of IPAC'10 and PAC'09
 - Met 4 times, once without the OC



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■ LOC

- A dozen individuals coming from INFN (Ge, LASA, LNF), SINCROTRONE Trieste, and CERN, met around a dozen times at different locations

■ PACCC

- The OC Chairs, past, current and future for each regional PAC, meets once per year at APAC/EPAC/PAC

■ Editorial Board

- Chairs of LOC and SPC (for budget and content), plus technical staff: Scientific Programme Secretariat and IT Managers, didn't meet but good communication via e-mail and "old hands" ...



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EPAC'08

- Fully SPMS Conference (Programme, Registration (delegate/exhibition - new modules))
- 26 Total Proceedings Office Staff (not all paid from conference budget, incl. part-time, students, etc.)
 - Editors (incl. transparencies): 18 (10 pre-conf)
 - IT (Database, plus Computers, etc.): 3
 - Paper Reception: 5
- 99 (wo)man processing days
- 150 Per diems: ~ 26kEuros
- Plus computer rental, catering, invitations to social events, etc.
- Proceedings Production *does have a cost*



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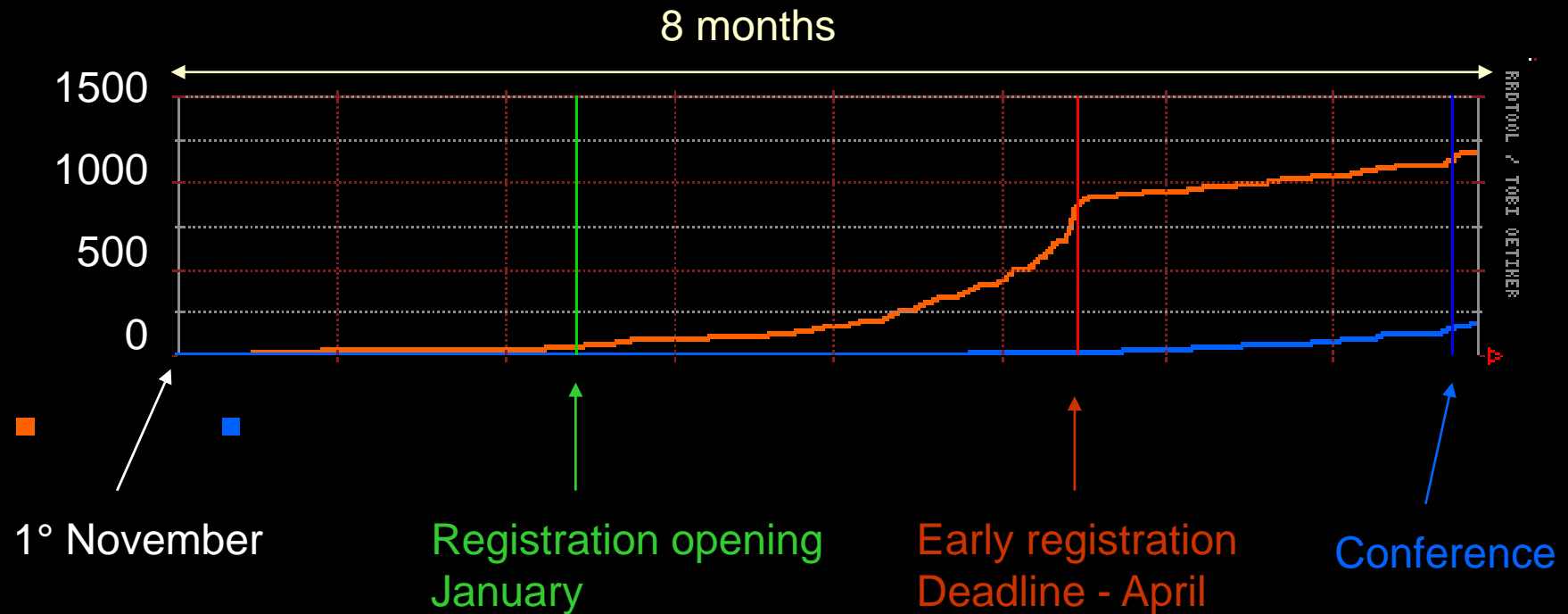


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Computers-printers...

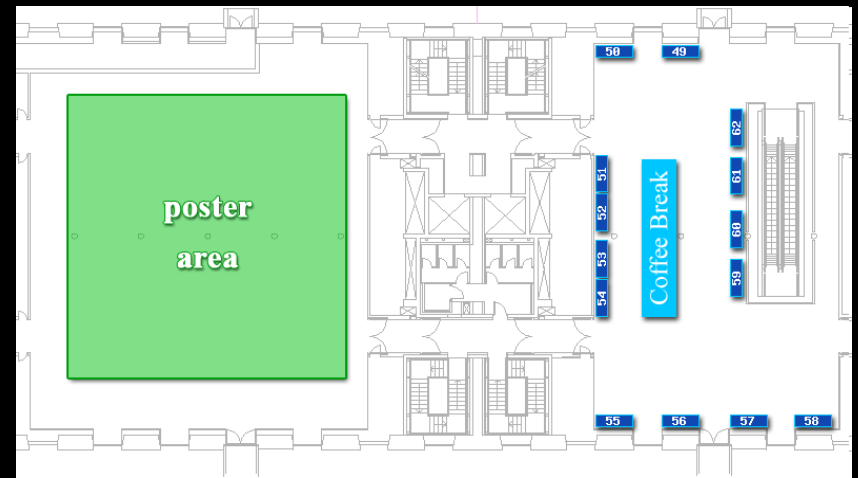
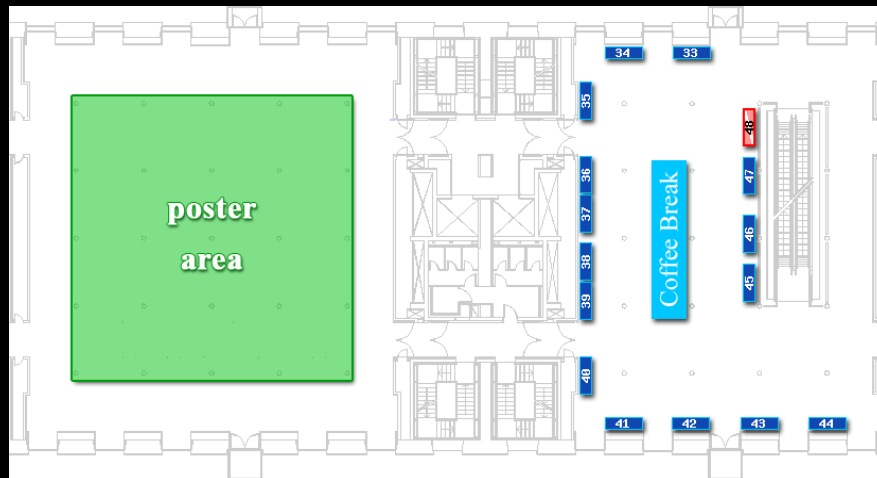
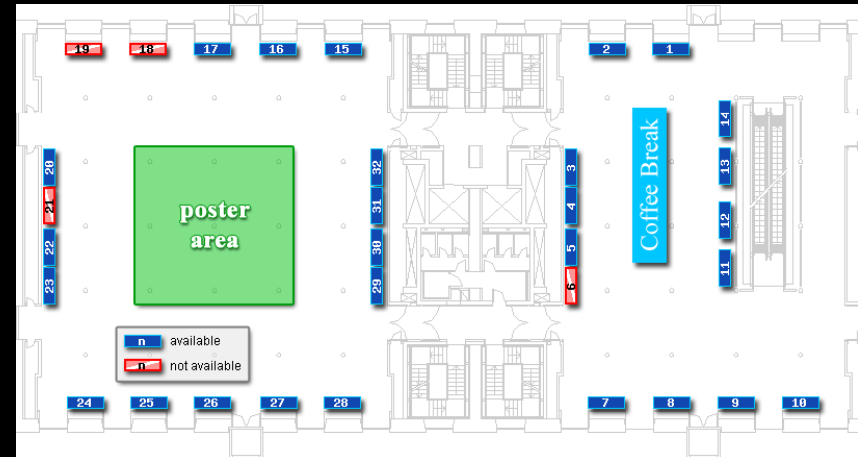
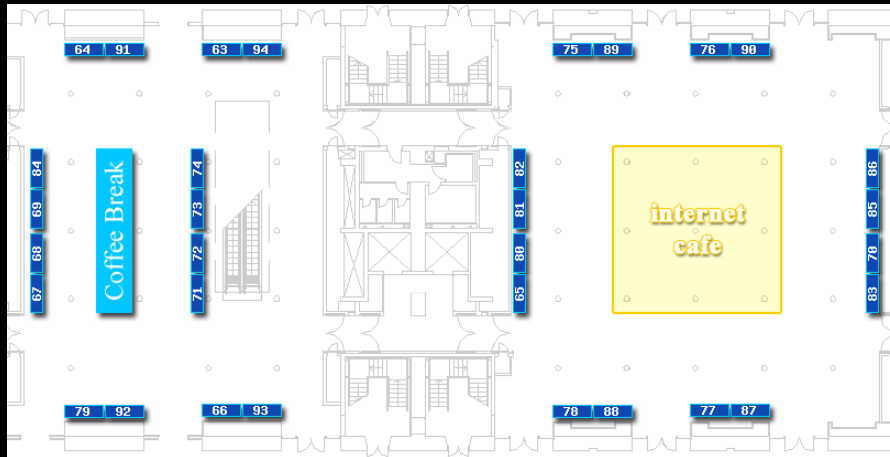
- 4 laptops
- 3 colour printers
- 3 b/w printers
- 8 net switch
- 8 wifi access points
- 3 servers for internet access
- 20 pc linux at internet café'
- 20 pc win at paper café'
- 20 pc win at proceedings office
- 1 mac for Christine at proceedings office
- 6 pc win at paper reception
- 7 pc win at registration (5 reg, 1 industrials, 1 internet)



996 delegates,
152 exhibitors' representatives and assistants,
from 38 countries
 (last update Tue, 28 Oct 2008 08:39:03 +0100)

Industrial exhibition – 90 booths

Layout on line from the very beginning



Split into 4 modules



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Some figures

- ~1150 registered participants (including exhibitors and staff)
- >1600 contributions at abstract submission
 - 54 invited oral
 - 33 contributed orals
 - Remainder scheduled as posters (significant withdrawal (20%) right up to the conference - is NORMAL)
- *>1100 contributions on-line "pre-press" end of morning on last day of conference*
- *1218 papers and 90 sets of transparencies published on JACoW 3 weeks later ...*
- No CD/USB to participants - but downloadable set at conference site to USB wristband ...

Oral programme schedule

M

T

W

TH

F

Times	Monday, 23 June 2008	Tuesday, 24 June 2008	Wednesday, 25 June 2008	Thursday, 26 June 2008	Friday, 27 June 2008		
	Combined Graduate and Maestrals Auditoria 09:30 Workshop by Canadian Research, Offshore Training and Plans Project, OC, IOP and IOPC Chairs 09:30 Chair: Catherine Hirst, INFN-LNF 09:30-09:50 09:30 Status of the LHC, Frederick Rowley, CERN (15) 09:50 09:55 Neutrino Facilities: From Past to Present and Future, Koichiro Nakaya, KEK (15) 10:00 10:00 VMEP-2000 Electron-Positron Collider Commissioning and First Results of Round Colliding Beam Tests, Paul Scherrer, PSI 10:10 10:20 Commissioning of BEPC II, Jieping Wang, IHEP Beijing 10:30 Coffee Break (10:30-11:00) 11:00 Chair: Oliver Brüning, CERN 11:00 11:00 Review of DESY FEL Activities, Jörg Knorz, DESY 11:10 11:10 Co-ordinated Global R&D Effort for the ILC Linac Technology, Akihiro Tanaka, KEK 11:40 11:50 Electron Beam Dynamics in the Long-pulse, High-current DAFNI-II Linear Induction Accelerator, Carl Steier, LBNL 11:50 12:00 FAIR: Challenges Overview and Still to be Met, Horst Stobbe, GSI 12:10 12:10 VMEP-2000 Status to Study Microbunching Instability in PEP-II/SLIP-II First Beam Commissioning, Gabriele Rossi, CERN	Graduate Auditoria Chair: Walter Engel, CELLS 11:10 11:10 Commissioning of Beam-Beam Tests Spectator and Measurement of Coherent Tune Shift at BEP-II, Takao Inai, KEK 11:30 11:30 Study of Beam Dynamics during the Crossing of Resonances in the VMEP-2000 Storage Ring, Paul Scherrer, PSI 11:50 11:50 Prospects on High-Intensity Polarized H⁻ (Proton), Electron and 3He⁺ Ion Sources at SNS, Anand Zelevansky, SNS 12:10 12:10 VMEP-2000 Status to Study Microbunching Instability in PEP-II/SLIP-II First Beam Commissioning, Gabriele Rossi, CERN	Maestrals Auditoria Chair: Joan Martí i Abelló, IAC 09:30 09:30 Ultra Low Emittance Light Sources, Johan Bengtsson, ESRF 09:50 09:50 Performance and Trends of Storage Rings Light Sources, Alexander Arnold, DESY 10:00 10:00 Commissioning Status of the Shanghai Synchrotron Radiation Facility, Zhenzong Zhao, SINAP 10:20 10:20 Status of the Danubius ESR Prototype, Soren Sørensen, STFC/Daresbury Chair: Robert Köhler, IAF Frankfurt 11:10 11:10 Commissioning of Design of the FAIR Storage Ring Complex, Armin Sick, GSI 11:30 11:30 Development of the Separated-Function EPQ Accelerator in Peking University, Xueping Fan, Peking University 11:50 11:50 Design of a High-Intensity Polarized H⁻ (Proton), Electron and 3He⁺ Ion Sources at SNS, Anand Zelevansky, SNS 12:10 12:10 IPAC for the EBIT and ADS Projects at KEK, Tetsuro Goto, KEK	Graduate Auditoria Chair: Bergho Isaksson, DESY 09:30 09:30 Performance of BEP-II with Crab Cavities, Takahito Taniuchi, KEK 09:50 09:50 Crabbed White Collisions in DAFNI-II, DAFNI-LNF 10:00 10:00 Prospects for a LHC at the LHC, John Dalseno, CERN 10:20 10:20 Measurements of Heavy Ion Beam Losses from Collimation, Andrei Brusa, CERN Chair: Udo von Helldorf, IAC 11:10 11:10 CLIC RF High Power Production Testing Programme, Gyo Spangher, CERN 11:30 11:30 Experimental Results of a Plasma Wakefield Accelerator Using Multiple Electron Beams, Elyseeb Kefau, IAC 11:50 11:50 Design of the Proton Source for the ILC, Armin Clark, STFC/Daresbury 12:10 12:10 First Experimental Results from DEDAS, the Quantum Limited Brightness Electron Source, Fernando Suardi, LBNL	Graduate Auditoria Chair: Mike Post, STFC/Daresbury 09:30 09:30 Overview of VUV and Soft X-Ray FELs Worldwide, Ron Robin, PSI 09:50 09:50 Status of the LCLS, John Galayda, SLAC 10:00 10:00 Operation Status of the SCSS Test Accelerator: Continuous Saturation of SASE FEL at the Wavelength Range from ~50 to 60 nm, Goshu Tanaka, KEK 10:20 10:20 A Scheme for Stabilization of Output Power of an X-ray SASE FEL, Elyseeb Kefau, DESY Chair: Paul Scherrer, PSI/USP 09:30 09:30 SRS Progress: Challenges and Upgrade Options, Stuart Henderson, ORNL 09:50 09:50 J-PARC Progress and Challenges of Proton Synchrotron, Makihiko Akashi, JAEA/J-PARC 10:00 10:00 Upgrade to SIS for the New Second Target Station, John Thomson, STFC/Rutherford 10:20 10:20 Status of the European XFEL Damped Normal Conduction Cavity, Erna Walther, DESY	Maestrals Auditoria Chair: Francis Perry, CELLS 09:30 09:30 R&D on High Gradient Cavities for CLIC Technology, Rainer Wacker, CERN 09:50 09:50 Development of the BEP-II SC Cavity, Kazuhiro Hayano, KEK 10:00 10:00 Status of the European XFEL Damped Normal Conduction Cavity, Erna Walther, DESY Chair: André Wolke, Cockcroft Institute 11:00 11:00 Simulation of Beam-Beam Effects and Torus Experiments, Alexander Yulpanov, PSI 11:30 11:30 Incoherent Effects of Space Charge and Electron Cloud, Giuliano Franchetti, GSI 11:50 11:50 Advanced Computing Tools and Models for Accelerator Physics, Robert Ross, LBNL	Combined Graduate and Maestrals Auditoria Chair: Georgios Papanicolaou, CERN 09:30 09:30 R&D on High Gradient Cavities for CLIC Technology, Rainer Wacker, CERN 09:50 09:50 Impedance Compensation and Measurement in Modern Storage Rings, Ryosuke Nagata, SORLIS 10:00 10:00 High Quality GaV Electron Beams for Plasma-Like Accelerators, Mike Geissler, LBNL Chair: Mikhail Glinin, Serenly CEA 11:00 11:00 Upgrade Issues for the CERN Accelerator Complex, Roland Götz, CERN Chair: Soren Myers, CERN 11:30 11:30 The Challenge of Climate Resilience and Protection, Annette Kemmer, CMC/Bologna 11:50 11:50 Present and Future of High Energy Physics, Masatoshi Nagasono, LBNL
	Lunch Break (12:30-14:00)						
	14:30 14:30 Graduate Auditoria Chair: Walter Engel, CELLS 14:30 14:30 Review of Accelerator for Radioactive Beams, Torikata Masahiko, PSI 14:40 14:40 Coherent Synchrotron Radiation & Short-Bunches in Electron Storage Rings, Gohji Wakisaka, DESY 14:50 14:50 Vacuum Performance in the Most Recent 3rd Generation Storage Rings, Edward Al-Obaidi, ALBA 15:00 15:00 Status Report on the Centro Nacional de Estudios Científicos de Yucatán (CENACYT) at Yucatán University, Andronico Andronico, ICFP 15:10 15:10 LHC Electronics Commissioning Summary, Roberto Sobiech, CERN 15:20 15:20 Top-up Operation in Light Sources, Hans-Otto, JACOF/Jülich 15:30 15:30 Beam Loss Monitoring with Optical Fibers at DELTA, Frank Rüdiger, DESY	Maestrals Auditoria Chair: Shinji Kurokawa, KEK 14:30 14:30 High Intensity and Low Emittance Light Sources, Philip Michel, INFN/LAS 14:40 14:40 Commissioning & Operation of the 1.5 GeV Harima Double Ring Microtron at Harima University, Andronico Andronico, ICFP 14:50 14:50 LHC Electronics Commissioning Summary, Roberto Sobiech, CERN 15:00 15:00 The Heidelberg Ion Therapy (HIT) Accelerator coming into Operation, David Crockett, GSI 15:10 15:10 Status Report on the Centro Nacional de Estudios Científicos de Yucatán (CENACYT) at Yucatán University, Andronico Andronico, ICFP 15:20 15:20 Proposal for a 0.5 MW Electron Linac for Free-Running Study and Materials Science, Shunsuke Kurokawa, TRISTAN	Graduate Auditoria Chair: Ray Wittberg, DESY 14:30 14:30 Recent Developments in Diagnostics on 3rd Generation Light Sources, Günther Raben, DESY 14:40 14:40 Overview of Fast Orbit Feedback Systems, Tomoko Adachi, SLS/PSI 14:50 14:50 First Measurements of the Longitudinal Beam Profile at SLAC using Coherent Soft X-ray Radiation, Victoria Radnikov, DESY 15:00 15:00 X-ray Intensity Based on Coherent Spectroscopy for BEP-II Upgrade and ILC Damping Ring, John Flanagan, KEK 15:10 15:10 Beam Loss Position Monitoring with Optical Fibers at DELTA, Frank Rüdiger, DESY	Graduate Auditoria Chair: Volker Schobert, PSI 14:30 14:30 Protection Controls for High Power Accelerators, Jörg Klingenberg, CERN 14:40 14:40 Tools and Management for the Commissioning of an Accelerator, Anwar Mujib, SORLIS 14:50 14:50 Orbit Feedback Trickery at the NSLS VUV Ring, David Posthides, ESRF 15:00 15:00 Post-accelerator Diagnostics for the Taiwan Light Source, Kao-Tung Hsu, NSRRC, ICFP/Jülich 15:10 15:10 RF Reference Signal Distribution System for FAIR, Michael Rosenow, GSI	Maestrals Auditoria Chair: Michael Pellegrini, ACCEL 14:30 14:30 Acceleration for Hadrontherapy and the Role of Industry, Johannes Meißner, Siemens AG 14:40 14:40 Collaborating with Industry: Lessons from the LHC Megaproject, Philippe Lebrun, CERN 14:50 14:50 Highly Customized Industrialized Linacs for Applications in Scientific Research, Christian Paul, ACCEL 15:00 15:00 Industrial and Industrial Partnerships, Carlo Cavallotti, Acceleration Technologies	Combined Graduate and Maestrals Auditoria Chair: Christina Hirst, INFN-LNF 14:30 14:30 EPR-AG 2006 Prize Ceremony Presentation by: 14:35 Tsung-Sheng Lee, to be awarded 14:35 Sachdev Prize: Masahiko Danz, KEK/JACOF 14:35 Ruffler Prize: Norbert Holikang, ICFP 14:35 Wilhelm Prize: Alex Chen, SLAC	
	Poster Session (15:00-18:00)						
	Session Code Colour Legend						
	Circular Colliders	Synchrotron Light Sources and FELs	Linear Colliders, Linear Accelerators and New Acceleration Techniques	Electron Accelerators	Opening, Closing and Special Presentations		
	Beam Instrumentation and Feedback	Accelerator Technology	Application of Accelerators, Technology Transfer and Industrial Relations	Beam Dynamics and Electromagnetic Fields			

Sunday 22

Student poster session together with registration



.. And comfortable sitting places

Always crowded internet café



One 1400 seats auditorium
for plenary sessions

Two 700 seats for parallel sessions



EPS Prizes

- Prize - Rolf Wideröe to Alex Chao, SLAC
- Prize - Gersh Budker to Norbert Holtkamp, ITER (ex ORNL/SNS)
- Prize - Frank Sacherer to Viatcheslav Danilov, ORNL/SNS
- Prize to best student poster to Rocco Paparella, INFN-LASA

EPAC Closing ceremony

From EPAC 88 - ROME
To EPAC08 - GENOA

EPS-AG medal
given to all EPAC
chairs



Reception at Palazzo Ducale



Banquet at Stazione Marittima





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As usual, it was an enormous job, with lots of worry, requiring enormous amounts of time and effort.

The conference was a great success, from our personal view thanks to ...



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- Right balance between experienced old hands and newcomers at all levels (OC/SPC/LOC) with substantial continuity
- Effective inter-laboratory collaboration at the local level with wonderful team spirit
- A particularly "youthful" and "dynamic" LOC
- Competent PCO, integral part of the LOC
- Well prepared scientific and social programmes
- Attention to detail, with participants in mind, throughout...





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Good luck with IPAC'10