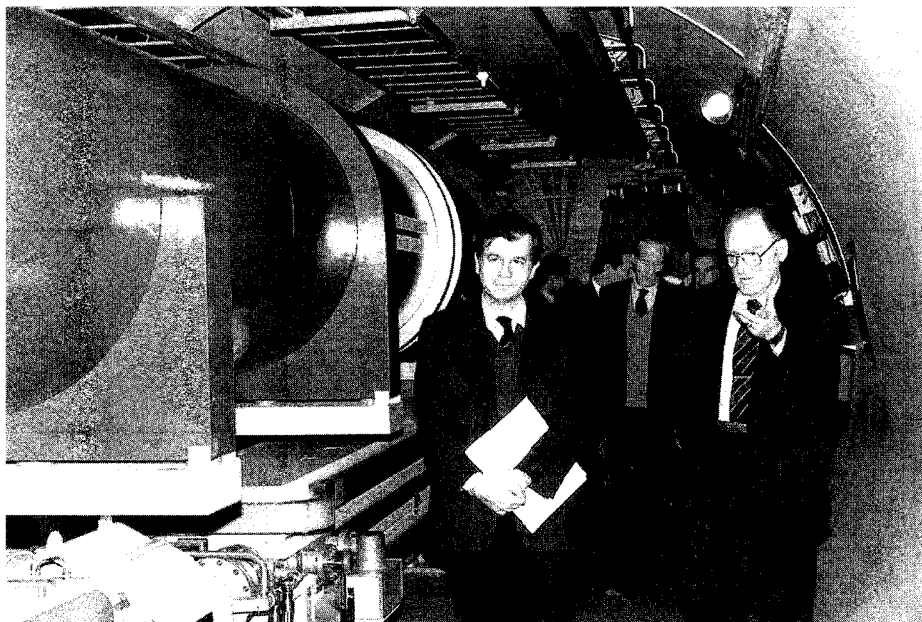


People and things

Italian Under Secretary of State Valdo Spini (left), visiting CERN on 2 December, is shown a full-scale model of the LHC/LEP tunnel by Giorgio Brianti.

ago it was only possible to predict accurately stability over about a thousand revolutions, it is now possible to predict over as many as one million turns. If this trend continues, in ten years it could become feasible to predict particle stability over the entire storage period. About ninety participants from the USA and Europe attended the meeting.

From Alessandro G. Ruggiero



On people

Bikash Sinha, Director of the Variable Energy Cyclotron Centre, Calcutta, also becomes Director of Calcutta's Saha Institute of Nuclear Physics.

Alexander Feschenko of the Institute for Nuclear Research of the Russian Academy of Sciences has recently received the Faraday Cup Award for his paper: Bunch Shape Measuring Technique and its Application for an Ion Linac Tuning. The award is given for an outstanding contribution to the development of an innovative beam diagnostics instrument of proven workability.

The Faraday Cup Award was refereed and presented by the committee members of the 1992 Accelerator Instrumentation workshop that was held at Lawrence Berkeley Laboratories on October 27-30. The prize was donated by Julien Bergoz of Bergoz Inc.

UK awards

This year the UK Institute of Physics Guthrie award, for a physicist of international reputation, goes to Ian Butterworth, while the Institute's Maxwell award, for contributions to theory, goes to Thomas Kibble. Both are at London's Imperial College.

Butterworth, CERN Research Director from 1983-6, moved from a pivotal role in UK bubble chamber research to become Head of Department at Imperial before coming to CERN. In 1986 he became Principal of London's Queen Mary College. After a formal retirement he has moved back to research at Imperial.

Kibble is honoured for his numerous contributions to theoretical physics, particularly in gauge theories. Many of these contributions hinge on the subtle but pervasive symmetry breaking effect which has subsequently become known as the Higgs mechanism. He was Head of Department at Imperial from 1983-91.

Director General Carlo Rubbia (right) welcomes Swiss Federal Councillor Flavio Cotti to CERN on 4 December.



Xiaodong Zhang (left) of Stony Brook receives the first Gertrude S. Goldhaber Physics Prize at Brookhaven. The prize honours Gertrude Scharff-Goldhaber (second from right) noted nuclear physicist and long-time promoter of opportunities for women in science, seen here with her husband, former Brookhaven Director Maurice Goldhaber (right). The prize was presented by their son Alfred, also of Stony Brook.



Karen Avetovich Ter-Martirosyan – 70th birthday



Fermilab, and local arrangements chair is I.E. Campisi of CEBAF. A tour to CEBAF, about 200 km south of Washington, near Williamsburg, Virginia, is being organized for May 21 for those interested. For further information contact Avril Quarrie, PAC93 Program Coordinator: CEBAF MS 12-A1, 12000 Jefferson Avenue, Newport News, Virginia 23606-1909, USA, telephone/fax (804) 249-6377/5024; e-mail quarriea@cebaf.gov.

Ter-Martirosyan at 70

On 5 October a special seminar at Moscow's Institute of Theoretical and Experimental Physics marked the 70th birthday of theorist Karen Avetovich Ter-Martirosyan. A student of Yakov Frenkel and Lev Landau, his initial contributions came in the Coulomb excitation of nuclei. After pioneer work on the three nucleon system he went on to Regge theory and multiple hadron production. His students have also gone on to make their mark.

Yakov Abramovitch Smorodinsky 1917-1992

Prominent theorist Yakov Smorodinsky died in Dubna on 16 October. Working at Moscow's Kurchatov Institute and the Joint Institute of Nuclear Research, Dubna, his interests ranged widely, but his main contributions came from

the application of ideas from algebra and geometry to nuclear and particle physics. His main passion was books, where he collected an extraordinary library and edited many Russian editions of Western physics works.

US Particle Accelerator Conference

The fifteenth biennial US Particle Accelerator Conference will convene at the Omni Shoreham Hotel in Washington, DC, May 17-20. Under a new arrangement, the conference is jointly sponsored by the Institute of Electrical and Electronics Engineers (IEEE) Nuclear and Plasma Sciences Society (NPSS) and the American Physical Society (APS) Division of Physics of Beams (DPB). The conference serves as the annual meeting of APS/DPB. Conference chair is Christoph W. Leemann of CEBAF, program chair is Joseph J. Bisognano of CEBAF, program deputy chair is Helen Edwards of

Yakov Abramovitch Smorodinsky 1917-1992



Bubble Chamber Conference

A conference at CERN from 14-16 July will mark the fortieth anniversary of the bubble chamber. Speakers will cover both the development of the technique and its numerous contributions to physics. Further information from Susannah Tracy at CERN, e-mail bubbles@cernvm.cern.ch Early application is advised as attendance will be limited to 300.

1993 European School of High-Energy Physics

The 1993 European School of High-Energy Physics (formerly CERN-JINR School of Physics) will take place from 12-25 September near Zakopane, Poland. Topics covered will include Field Theory, Radiative Corrections, QCD, the Standard Model and Beyond, CP Violation, and Experimental Techniques; with additional lectures on HERA and LEP results. Further information from: Miss S.M. Tracy, CERN School of Physics, CERN – DG-A, 1211 Geneva 23, Switzerland. E-mail tracy@cernvm.cern.ch Telex: 419000 cer ch Telephone: + 41 22 767 27 24 Telefax: + 41 22 782 30 11 Closing date for applications is 31 March.

Meetings

Instrumentation specialists LeCroy are sponsoring their Third Annual Conference on Electronics for Future Colliders, to be held at their Chestnut Ridge, New York, headquarters on 4-5 May. Further information from George Blamar, LeCroy Corp, 700 Chestnut Ridge Rd, Chestnut Ridge, NY 10977-6499, tel (914) 578 6012, fax (914) 578 5984.

CERN Council

At the December meeting of CERN Council, the Organization's governing body, Chairman Sir William Mitchell, after opening his report by congratulating Georges Charpak on his 1992 Nobel Prize, explained adjustments for the future contributions of Germany to the Laboratory's budget.

A letter from the German delegation, earlier considered by the Committee of Council, had asked CERN Member States to take account of German's special reunification burden through a temporary reduction of the German contribution to CERN's budget.

A rebate of some 10% of Germany's contribution to CERN's budget

European Physical Society President Maurice Jacob (right) with S. Krupicka, Director of the Czechoslovak Academy of Sciences, at the recent EPS "Large Facilities" meeting at the newly amalgamated Institut Laue-Langevin (neutron beams) and European Synchrotron Radiation Facility complex at Grenoble.



Laboratory correspondents

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KEK National Laboratory, (Japan)
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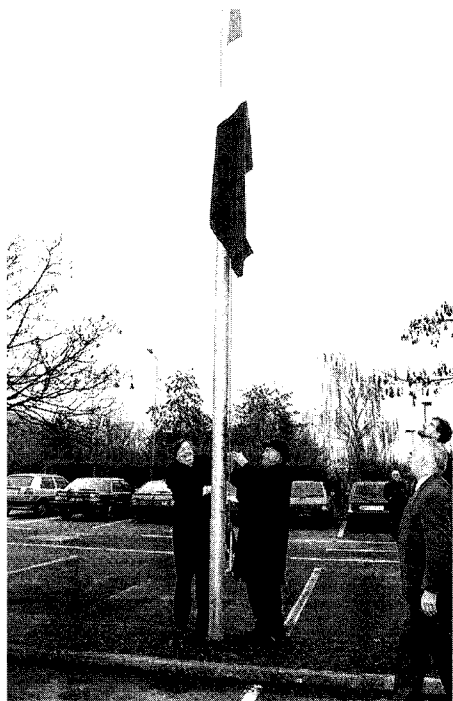
IHEP, Serpukhov, (USSR)
Yu. Ryabov

Stanford Linear Accelerator Center, (USA)
M. Riordan

Superconducting Super Collider, (USA)
N. V. Baggett

TRIUMF Laboratory, (Canada)
M. K. Craddock

On 18 December, during the end-year meeting of CERN Council, Hungary's flag was hoisted at CERN by CERN Director-General Carlo Rubbia (left) and Erno Pungor, Minister President of the Hungarian National Council for Technological Development, watched by CERN Council President Sir William Mitchell (right). The country had become the Organization's 18th Member State on 1 July.



will be granted for the three years 1994-6, and the situation will be reassessed in 1995 with a view to possibly continuing the arrangement for another two years (1997-8) at the most. This limited duration arrangement calls for no formal modification of the ground rules in CERN's Convention.

At the Council meeting, Christopher Llewellyn Smith of Oxford was appointed as CERN's next Director General, to succeed Carlo Rubbia. He will take office on 1 January 1994.

Günter Wolf of DESY was elected Chairman of CERN's Scientific Policy Committee (SPC) for a period of one year. New SPC members are M. Danilov of ITEP Moscow, Felicitas Pauss of ETH Zurich, Jean-Paul Repellin of IN2P3 Paris, David Saxon of Glasgow, and Gustav-Adolf Voss of DESY. Günter Flügge of Aachen has become Chairman of ECFA, the European Committee for Future Accelerators.

At CERN, John Ferguson becomes Leader of Administrative Support (AS) Division and Jean-Pierre Gourber Leader of Accelerator Technology (AT) Division from 1 January 1993.

CERN Accelerator School Proceedings

The following CERN Accelerator School Proceedings can be obtained free-of-charge from: CERN Accelerator School, SL Division, 1211 Geneva 23, Switzerland. Fax: +44 22 782 4836.

"Antiprotons for colliding beam facilities", CERN 84-15 (December 1984).

"The generation of high fields for particle acceleration to very high energies", ECFA 85/91, CERN 85-07, (June 1985).

"General accelerator physics", CERN 85-19 (2 vols.) (November 1985).

"Advanced accelerator physics", CERN 87-03 (2 vols.) (April 1987).

"Applied geodesy for particle accelerators", CERN 87-01 (February 1987).

"Second general accelerator physics course", CERN 87-10 (July 1987).

"New developments in particle acceleration techniques", CERN 87-11, ECFA 87/110, (2 vols.) (October 1987).

"Second advanced accelerator physics course", CERN 89-01 (February 1989).

"Superconductivity in particle accelerators", CERN 89-04 (March 1989).

"Third general accelerator physics course", CERN 89-05 (April 1989).

"Synchrotron radiation and free electron lasers", CERN 90-03 (April 1990).

"Third advanced accelerator physics course", CERN 90-04 (April 1990).

"Power converters for particle accelerators", CERN 90-07 (July 1990).
 "Fourth general accelerator physics course", CERN 91-04 (May 1991).
 "RF engineering for particle accelerators", CERN 92-03 (2 vols.) (June 92).

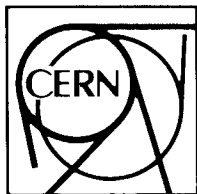
"Fourth advanced accelerator physics course", CERN 92-01 (April 1992)
 "Magnetic measurement and alignment", CERN 92-05 (September 1992)

"Fifth general accelerator physics course 1992", to be published.

"Fifth advanced accelerator physics course 1993", to be published.

Robert Marshak 1916-1992

Robert E. Marshak died in December. A tribute will appear in our next edition.



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Comment visiter le CERN

Organized visits take place only on Saturdays, at 9.30 a.m., and/or 2.30 p.m. The visits last about three hours and are free. The minimum age limit is 16 years.

Les visites commentées ont lieu seulement le samedi, à 9 h. 30 et/ou à 14 h. 30. Elles durent environ trois heures et sont gratuites. La limite d'âge minimum imposée est de seize ans.

Please write or call:
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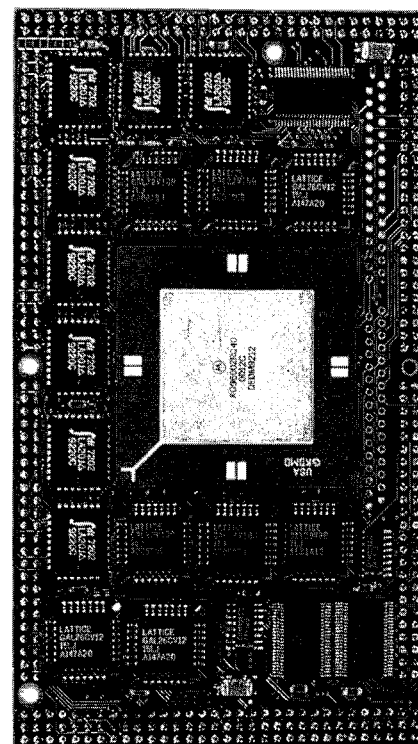
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