

People and things

Drasco Jovanovic



Willi Jentschke



On people

At the December meeting of the CERN Council, Jean Teillac was re-elected President with Paul Levau and Günther Lehr re-elected Vice-Presidents. Karl Nielsen becomes Chairman of the Finance Committee in succession to M. Gigliarelli Fiumi. Godfrey Stafford remains as Chairman of the Scientific Policy Committee and Ingmar Bergström has been elected as a new member. Within CERN, the appointment of Fritz Ferger as Leader of the Intersecting Storage Rings Division has been extended for one year from 1 July. Giorgio Bellettini has succeeded Jean Perez-y-Jorba as Chairman of the ISR Experiments Committee.

A new Division has been set up for the ISABELLE project at Brookhaven. Called Magnet Construction and under the leadership of

Edward Bleser, it has responsibility for the design and construction of the superconducting magnets for the storage rings. Mark Barton remains head of the Accelerator Division with responsibility for all other technical aspects of the machine. Kjell Johnsen, on leave from CERN, is acting as Deputy Project Head, assisting Jim Sanford.

On 20 December a ceremony was held at CERN in memory of Lew Kowarski. Jules Guéron, Charles Peyrou, Denis de Rougemont and Jean-Albert Mussard recalled different aspects of the career and personality of this remarkable man.

At Fermilab, Norman Ramsey has been elected President of Universities Research Association following the sad death of Milt White. The Physics Department at the Laboratory has been separated out from

the Research Division. Drasco Jovanovic has been appointed Chairman of the Department with Tom Nash as Deputy. Shigeki Mori succeeds Tom Kirk as Head of the Neutrino Department and Marvin Johnson will head the Research Services.

On 4 February a ceremony was held at the DESY Laboratory to mark the honorary award of Professor Emeritus to Willi Jentschke by the University of Hamburg. Wilhelm Walcher and Karl Strauch were the main speakers at the ceremony.

Herman Feshbach from MIT became President of the American Physical Society in January. He is well known for his theoretical work in nuclear physics. He is a member of the National Academy of Sciences, the Nuclear Physics Commission of IUPAP and the Board of Trustees of AUI.

The 1980 Dannie Heinemann prize for Mathematical Physics has been awarded to James Glim of Rockefeller and Arthur Jaffe of Harvard for their contributions to quantum field theory.

New computer for CERN

Now arrived at CERN is a new Control Data Corporation (CDC) Cyber 170 Model 720 computer, which will soon replace a CDC 6400 machine as one of the two front-end processors for the main 7600 computer. The second front-end processor is a CDC 6500.

Records

In December, both 'big machines' broke records for intensity of accelerated beam. The Fermilab main ring went to 2.562×10^{13} protons at 400 GeV (beating 2.528×10^{13}

1979 Nobel Prizewinner Sheldon Glashow caught in an apprehensive mood in a recent visit to CERN.

(Photo CERN 301.12.79)



achieved in 1977). Its record at 350 GeV is 3.703×10^{13} set in February 1979. The CERN SPS, thanks to magnificent performance from the PS, which supplies it with particles, reached 2.58×10^{13} protons at 200 GeV, but more is expected with the implementation of the Intensity Improvement Programme.

Conferences

From 17–24 March a Europhysics Study Conference on the Unification of Fundamental Interactions is being held at Erice in Sicily. It will cover present thinking on unified field theories with emphasis on schemes to unify the strong, electromagnetic and weak interactions and super-unification schemes to pull in gravity also. J. Ellis, S. Ferrara and P. Van Nieuwenhuizen are Conference Organizers.

The Second Novosibirsk/SLAC Conference on Storage Ring Instrumentation is taking place at the Stanford Linear Accelerator Center from 5–11 March. It will cover the latest developments in storage ring detector construction and performance. Pier Oddone at SLAC is Program Chairman.

An International Conference on Experimentation at LEP will be held at the University of Uppsala in Sweden from 16–20 June. It will review experimental techniques relevant to the proposed high energy electron-positron ring. It is planned that CERN will take this opportunity to initiate a LEP detector development programme by offering some technical and financial assistance to those people who wish to work on new and interesting detector developments. It is therefore important that all novel ideas, no matter how preliminary, be presented in the poster sessions of the Conference. Tord Ekelöf at CERN is Scientific Secretary. Sessions will cover particle identification, calorimetry, track chamber spectrometers, data handling, future developments and LEP detector set-ups.

On 2–13 July an Advanced Studies Institute on the Techniques and Concepts of High Energy Physics will be held at St. Croix in the Virgin Islands. The organization of the Institute involves NATO, the US Department of Energy, Fermilab and the University of Rochester. It is designed for advanced graduate students and recent Ph.D. experimentalists. Further information from Tom Ferbel, Fermilab, Mail Station 888, P.O. Box 500, Batavia, Illinois 60510.

On 28–31 May an International Symposium on the History of Particle Physics will be held at Fermilab covering elementary particles, cosmic rays and quantum field theory in the 1930s and 40s prior to the era of the great accelerators. An eminent gathering of physicists and historians will be present. Further information from L. Hoddeson, Fermilab, Mail Station 109, P.O. Box 500, Batavia, Illinois 60510.

On 11–15 August the Second International Topical Meeting on Muon Spin Rotation will be held at the University of British Columbia, Vancouver. Further information can be obtained from J.H. Brewer at TRIUMF.

The Proceedings of the International Conference on High Energy Physics organized by the European Physical Society in Geneva, Switzerland, from 27 June to 4 July 1979, are now available on order from Mrs. J. Lefley, Scientific Information Service, CERN, 1211 Geneva 23, Switzerland, price 30 Swiss francs for the two volumes, post free.

SLAC Single Pass Collider

It has been decided at the Stanford Linear Accelerator Center to put money into research and development for the Single Pass Collider Project (see December 1979 issue, page 404). The aim is to achieve 50 GeV colliding electron-positron beams with modest luminosity in a system capable of rapid construction at comparatively low cost. It is hoped to present a proposal to the Department of Energy in the next few months and the most rapid construction schedule envisages colliding beams by 1984.