

People and things

mate the yield of isolated neutral hadrons.

However isolated photons could also come from some new mechanism. Together, the data from all LEP experiments shows no evidence for new processes, but experimentalists were encouraged to continue their search. It was emphasized that for Higgs particles heavier than 60 GeV, the decay of a Z into a Higgs and a photon is expected to be the dominant production channel for the Higgs at current LEP energies, and additional mechanisms (compositeness, supersymmetry or technicolour) may show up eventually.

Extolling the virtues of 'photons as QCD snipers' in his conclusion, Ronald Kleiss summarized how the workshop had served its purpose in demonstrating the interest and potential value of this comparatively rare process and looked forward to further experimental and theoretical progress.

From Susan Cartwright

On people

Among those receiving US National Medals of Science from President George Bush last year were Glenn T. Seaborg, associate director of the Lawrence Berkeley Laboratory, and Steven Weinberg of the University of Texas, Austin. The medals are the nation's highest award for scientific achievement.

Distinguished Italian theorist Gian Carlo Wick is one of this year's recipients, along with actress Caterina Boratto and publisher Giulio Einaudi, of the Silver Plate Award of 'Il Circolo della Stampa di Torino'. Awarded annually since 1980, these prizes recognize achievement by regional Piedmont personalities. The only other physicist to have been so honoured was Tullio Regge in 1982.

A special colloquium at DESY, Hamburg, on 16 January marked the 80th birthday of Willibald Jentschke, who was the first Director of DESY and served as CERN's Director General from 1971-75. Speakers included W.K.H. Panofsky of Stanford on 'Willi Jentschke and the Evolution of Electron Machines'.

In memory of Edoardo Amaldi

On 25 January Italian physicists gathered in Piacenza, accepting an invitation from the local authorities to honour the memory of distinguished physicist and CERN founding father Edoardo Amaldi, who died on 5 December 1989.

The event ended in Carpaneto, the village where Edoardo Amaldi was born in 1908, with the dedication of the local school and the unveiling of a bronze bust. A report from our Italian correspondent Alessandro Pascolini will feature next month.

On 25 January in Carpaneto Piacentino, the local school was dedicated to the memory of distinguished physicist and CERN founding father Edoardo Amaldi, born in the village in 1908, and who died on 5 December 1989. Here at the unveiling of a bronze bust are members of the Amaldi family: left to right; Francesco, Mercedes, Ugo, local sculptor Rinello Brusi, Daniela Amaldi and town mayor Guido Bardi.

(Photo Bellardo)



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Nikolai Nikolaevitch Bogolubov
1910-1992

On 13 February, the eminent Russian theorist and mathematician Nikolai Nikolaevitch Bogolubov, Director Emeritus of the Joint Institute for Nuclear Research, Dubna, died aged 82.

A whole era of contemporary mathematics, mechanics and physics is connected with his professional life, which began when he wrote his first scientific paper at the age of 14.

He made pioneer contributions to the new field of non-linear mechanics, leading to applications for nuclear reactors, plasma stability, etc. After World War II he turned to theoretical physics, where his work on statistical physics, quantum field theory, superfluidity and superconductivity became classical. He also made fundamental contributions to the quark picture of elementary particles.

For over 25 years he headed the Joint Institute for Nuclear Research in Dubna, and led scientific seminars at other Institutes.

Meetings

The thAccird ECFA workshop on electron-positron linear colliders will be held from 25 July-2 August in Garmisch Partenkirchen, Germany, organized with the help of MPI Munich, DESY and CERN, and under the auspices of ICFA. Further information from Mrs. Z. Kircanski, Max-Planck-Institut fuer Kernphysik, Werner Heisenberg Institut, Foeringer Ring 6, W-8000 Munich 40, Germany, e-mail zak at dm0mpi11

CAMAC 92, the 15th International Symposium on Nuclear Electronics and Interfaces and related matters, will be held in Warsaw from 29 September to 2 October. Further information from Roman Trechcinski, Instytut Problemow Jadrowych im A. Soltana, 05-400 Otwock, Swierk, Poland. Fax (+48 22) 79 34 81.

1991 Physics Nobel prizewinner Pierre-Gilles de Gennes gave a lecture at CERN on 4 February on 'Soft matter'.

(Photo CERN 13.2.92)



On 4 February (top), a high-level Chinese delegation visited CERN. It was led by Vice-Minister of State Planning Gan Ziyu, seen here signing the VIP visitors' book, while CERN's Particle Physics Experiments Division Leader Jim Allaby, who is also CERN's regional coordinator for Far Eastern relations, looks on. The visit included the L3 experiment at LEP.

(Photo CERN 14.2 92)

Also on 4 February (below), CERN received a delegation from the Republic of Belarus (Byelorussia), led by Stanislav Shushkevich, Chairman of the country's governing body. Signing the VIP visitors' book, he is accompanied by Lucien Montanet, CERN's regional coordinator for the Commonwealth of Independent States. The visit included the Delphi experiment at LEP.

(Photo CERN 11.2.92)

The Center for Particle Astrophysics of the University of California, Berkeley, will be hosting this year's Joint Texas Symposium on Relativistic Astrophysics and Symposium on Particles, Strings and Cosmology. (Texas/PASCOS) symposium from 13-18 December. Contacts: Bernard Sadoulet and Joe Silk, Center for Particle Astrophysics University of California, Berkeley, e-mail sadoulet at lbl.gov or silk at bkyast.hepnet

The 2nd International Conference on Physics and Astrophysics will be held from 19-23 January 1993 at the Variable Energy Cyclotron Centre, Calcutta, India. Further information from Santanu Pal, Variable Energy Cyclotron Centre, Sector 1, Block AF, Bidhan Nagar, Calcutta 700 064, India, fax (+91 33) 346871, international e-mail icpaqgp % veccal at shakti.ernet.in national e-mail icpaqgp % veccal at ncst.ernet.in The first meeting in this series was held in Bombay in 1988.

Nuclear Physics moves

The editorial office of the journals Nuclear Physics A and B has moved from Copenhagen to Amsterdam. Founded by Leon Rosenfeld in Manchester in 1957, Nuclear Physics followed its founder Editor in 1958 to Nordita, Copenhagen, where for 30 years the Journal profited from close collaboration with Nordita and the Niels Bohr Institute. In 1967 the journal split into two volumes, A for nuclear physics proper, and B for quantum field theory and particle physics.

The Journals now move to Amsterdam, close to NIKHEF. The Nuclear Physics Editorial Office is at Matrix Building, Science Centre WCW, Kruislaan 419, 1098 VA Amsterdam,



ACCELERATOR SYSTEMS DIVISION HEAD

The Bates Linear Accelerator Center, located in Middleton, Massachusetts, managed and operated by the MIT Laboratory for Nuclear Science for the United States Department of Energy, seeks a highly qualified individual for the position of Accelerator Systems Division Head reporting to the Associate Director for Operations. The accelerator-recirculator systems deliver high quality intense polarized and unpolarized pulsed electron beams with energies up to 1 GeV. Increased emphasis on coincidence experiments and upon the exploitation of spin observables has led to the construction of the South Hall Ring (SHR). The SHR will produce both a very high duty factor extracted beam and a dedicated internal target capability for electronuclear physics. Construction of the stretcher/storage ring is expected to be completed this year with commissioning in 1993.

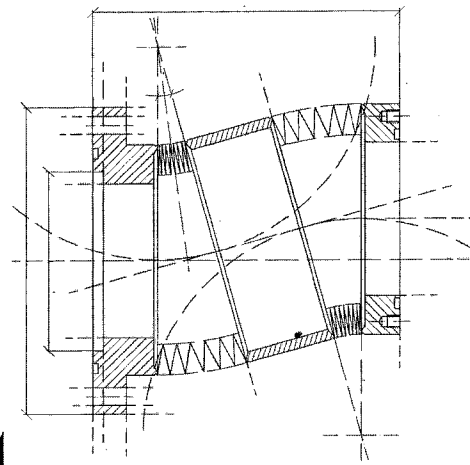
The Accelerator Division is responsible for operation of the electron linac, the recirculator, and the SHR upon its completion. Reporting to the Division Head is a staff of approximately twenty physicists, engineers and technicians in four groups: accelerator physics, RF, operations, and polarized injector. He or she will be responsible for the following tasks: beam delivery, all operations and procedures, machine start-ups, electron beam developments, user interaction, budget development, and scheduling of running and maintenance periods. Other activities will include the planning for a major upgrade of the existing accelerator systems, in particular, the polarized source, the recirculator, RF transmitters, and the control system.

The successful candidate must be an accomplished accelerator physicist or engineer. A Ph.D. in Physics or EE, or equivalent experience required. Experience in the design, commissioning, troubleshooting, and operation of complex high technology accelerator systems, preferably including electron linacs and storage rings, essential. Proven skills in technical leadership and resource management areas are a crucial requirement for this position.

Applicants should send a complete curriculum vitae, a list of publications, and the names of three references to: **Professor Stanley Kowalski, Director, MIT-Bates Linear Accelerator Center, Post Office Box 846, Middleton, Massachusetts 01949.**

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The Swiss Federal Institute of Technology in Zurich (ETHZ) invites applications for an

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The post of an assistant professor has been established to further the career of younger scientists. It is available for three years in the first instance, and renewable for another three years and offers a scientist with outstanding accomplishments the opportunity to be promoted to the rank of an associate professor (tenure track).

Applications with a detailed curriculum vitae and a list of publications should be sent no later than **May 15, 1992**, to the President of ETH Zurich

Prof. Dr. J. Nüesch

ETH Zentrum

CH - 8092 Zurich.

The ETHZ specifically encourages female candidates to apply with a view towards increasing the proportion of female professors.

Joint opening for a

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at the Johann-Gutenberg-Universität, Mainz
and a

**LEADING SENIOR SCIENTIST
of the Gesellschaft für Schwerionenforschung,
Darmstadt**

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The successful candidate will be appointed as full professor at the university of Mainz where he is expected to participate in the teaching program of the physics department.

GSI is a leading German scientific laboratory involved in basic and applied research in physical, biomedical and material sciences. The laboratory is operated by the Federal Republic of Germany and the State of Hessen.

GSI and Mainz have a strong commitment to the principle of diversity in all areas. In that spirit, we are interested in receiving applications from women and disabled individuals.

Applications, including the usual comprehensive personal documents, should be submitted **not later than April 21, 1992** to the

Scientific Director of

Gesellschaft für Schwerionenforschung m.b.H.

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The National Synchrotron Light Source Department (NSLS) has a position open for a scientist with an advanced degree and a background in experimental particle accelerator physics. Principal activities will be directed to the operation and enhancement of existing NSLS storage rings, and will include the study of beam intensity limiting effects, orbit stabilization and the development of the related hardware. Additional activity will involve the design, construction and commissioning of a compact, superconducting storage ring dedicated to X-ray lithography.

Candidates should submit a curriculum vitae and the names of three references to: Dr. S. Krinsky, National Synchrotron Light Source Department, Building 725B, Brookhaven National Laboratory, Associated Universities, Inc., Upton, L.I., NY 11973. Equal opportunity employer M/F/H/V.



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**Experimental Physicist
Physics Research Staff Position**

The Continuous Electron Beam Accelerator Facility (CEBAF) is a 4 GeV high intensity (200 microamp) high duty electron accelerator located in Newport News, VA, that will begin operations for physics research in 1994.

We invite applications for a position on the Physics Division research staff in the field of experimental particle and nuclear physics. Some of the experiments currently approved include production of baryon resonances, multi-hadron production, polarized nucleon structure function measurements, and studies with real photons. The initial experimental equipment for Experimental End Station B includes the CEBAF Large Acceptance Spectrometer (CLAS), for the operation with electron and photon beams, and a tagged photon facility.

The qualified candidate must have a Ph.D. in Experimental Nuclear or Particle Physics (or the equivalent) and at least five years of experience with the design of state-of-the-art experimental equipment and in the set up and operation of complex experiments.

Salary will be commensurate with experience. CEBAF offers a very competitive total compensation package. Applicants should send resume, specifying position #PR2128 and job title, with salary history to: Employment Manager, CEBAF, 12000 Jefferson Avenue, Newport News, VA 23606.

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Please contact us if you require any information about components for magnet and fusion technology.

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