

People and things

Ugo Amaldi of CERN receives the 1995 Bruno Pontecorvo Prize of the Joint Institute for Nuclear Research, Dubna, Russia, for his experimental contributions to the study of weak interactions.

On people

On 2 February Gerard 't Hooft of Utrecht received a doctorate *honoris causa* from the Katholieke University, Leuven, Belgium. As well as his famous contributions to theoretical physics, he is honoured for his work in bringing modern theoretical physics to a broad Dutch-speaking audience.

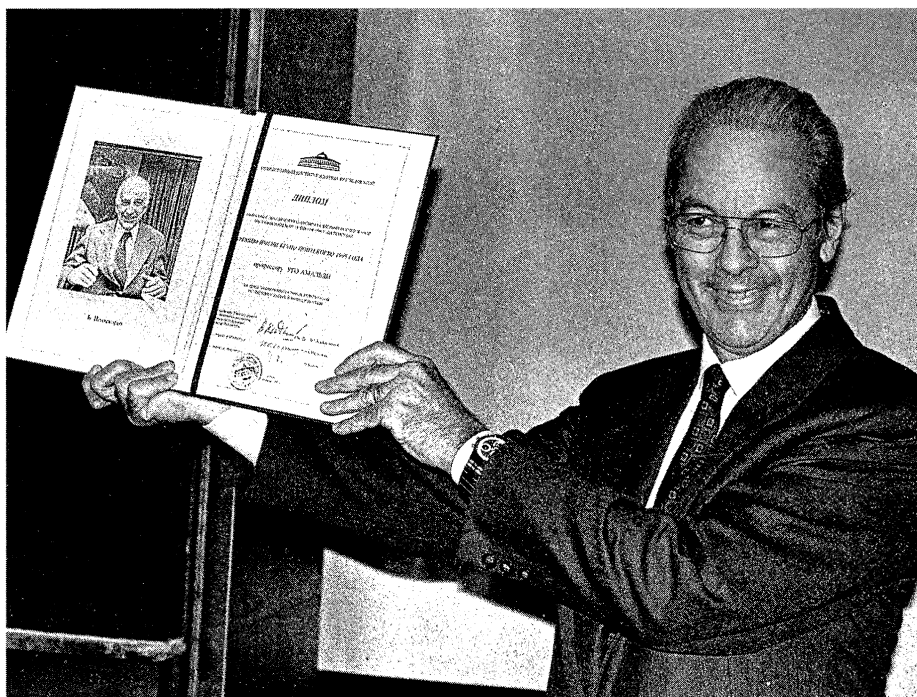
Paul Williams, Chairman and Chief Executive of the Council for the Central Laboratory of the Researchers Councils (CCLRC), which runs the (now combined) UK Rutherford Appleton and Daresbury Laboratories, received the award of CBE in the UK New Year Honours list.

A programme on Pakistan TV recently marked the 70th birthday of Abdus Salam, the only Pakistani ever to win a Nobel Prize (1979). Stricken by a debilitating handicap, he is presently in Oxford, UK.

New Director at Frascati

Paolo Laurelli has been appointed Director of the Frascati National Laboratories of INFN for the next three years, succeeding Enzo Iarocci who held the position for the past six years.

Born in 1947, Laurelli took his Physics degree at Pisa in 1970 with Giorgio Bellettini as advisor in an experiment at the CERN PS. All his experimental work was carried out at CERN, where he was also a Visiting Scientist in 1974 and in 1981. From 1971 - 1978 Laurelli was involved in two ISR experiments: the measurement of the total proton-proton cross-section and of lepton



pair production. Then he worked at the SPS on the coherent photo-production of charmed mesons.

As member of the Aleph collaboration since 1983, he became, in 1992, spokesman for the Italian groups, succeeding Lorenzo Foà.

In addition to his interest in the physics of each experiment, Laurelli has also followed the technical development of detectors: in particular he took care of the establishment in Frascati of the "tubificio", where streamer-tube calorimeters are built for many experiments.

At present he is a member of the International Virgo Council, responsible for the Pisa Virgo gravitational interferometer.

A.M. Baldin 70

On 26 February, a special seminar at the Joint Institute for Nuclear Physics

(JINR), Dubna, marked the 70th birthday of Academician A.M. Baldin. At Moscow's Lebedev Institute of Physics in the late 1940s, under the guiding influence of such masters as D.V. Skobeltsin, M.A. Markov, P.A. Cherenkov, V.I. Veksler and I.E. Tamm, he made important contributions to the JINR synchrotron project and to theoretical aspects of particle production and nuclear optical anisotropy.

In the late 60s, appointed as director of JINR's Laboratory of High Energies, he opened up the field of experimental relativistic nuclear physics. Under his directorship, the huge and ageing synchrotron was converted into a light ion and polarized deuteron machine, attracting wide interest. Its successor, the superconducting Nuclotron, was recently commissioned.

At Dubna, he has always played an additional important role as a leading theorist, introducing fruitful ideas on

Celebrating his 70th birthday in February is A.M. Baldin (right), seen in this archive photo explaining superconducting magnets to the late N.N. Bogoliubov (left), and L.G. Makarov.



particle production and asymptotic behaviour. As a member on the JINR Directorate, his boundless energy and optimism furthers the cause of fundamental science during a time of rapid change in Russia and in the JINR Member States.

In his youth he achieved fame as a mountain climber, gaining a title as Soviet champion.

SLAC Summer Institute

The XXIV SLAC Summer Institute on Particle Physics 'The Strong Interaction from Hadrons and Partons' will be held in Stanford from 19-30 August. Further information from World Wide Web <http://www/slac.stanford.edu/gen/meeting/ssi/next/ssi96.html>

Meetings

June 19-21, 1996: XVI International Conference on Physics in Collision (PIC'96), Mexico City. Contact

Heriberto Castilla, CINVESTAV, Chairman, Local Organizing Committee; Telephone: (52)(5)747-7098; Telefax (52)(5)747-7002; E-Mail: physcoll@fis.cinvestav.mx

Juan Jose Giambiagi

When on 8 January Juan Jose Giambiagi passed away in Rio de Janeiro, a guiding light of Latin American physics was extinguished, someone who had shown what a conscientious scientist must and can do in the Third World.

After graduating at Buenos Aires and postgraduate studies at CalTech, he returned to lead the group of Argentinean physicists who, at the end of the fifties, set the tone for the "golden decade". In these few years, physics not only was resurrected in Buenos Aires, but reached heights that could compare with those achieved in advanced countries.

This terminated abruptly in 1966 during the "night of long sticks", when the military occupied the Science

Faculty and literally beat up everybody, forcing them through a double rank of soldiers. A large majority of the Faculty resigned, causing the exodus of first-rate Argentinean scientists around the world.

Giambiagi was so shocked that he resolved to stay in Argentina. With a research grant he continued to work at home, in an apartment baptized by his friends as "Instituto Juan Carlos Ongania", after the military dictator who forced its creation by disrupting the University. Together with Bollini - another first-rate Argentinean scientist - he did very good work. During this period they wrote the well-known paper in which they first proposed the dimensional regularization.

When the situation normalized at the beginning of the seventies, he resumed a university professorship at La Plata that, once again, managed to shine in physics. The subsequent wave of repression sent him first home and then out of the country to escape physical danger. He was one of the many Argentinean physicists (part of this second diaspora) who found friendly hospitality in Brazil and contributed to the scientific progress of that country. He worked at the Centro Brasileiro de Pesquisas Fisicas, and for two terms was Director of the Latin American Center for Physics. From this position he continued his relentless effort to encourage the development of Science in Latin America.

He received a large number of rewards and distinctions (from Argentina too once democracy had been reinstalled), acknowledging his scientific stature, his impact as a teacher and his tireless efforts to promote science.

He was scientifically productive up to his last days. Beloved teacher and warm personality, he had many

**Continuous Electron Beam
Accelerator Facility (CEBAF)
Associate Director for Physics**

The Associate Director for Physics plays a vital role in the scientific life of CEBAF. The holder of this position manages the 100-person strong Physics Division, participates in policy-making as a member of the Director's Council, and is the primary point of contact for CEBAF Users and the CEBAF Program Advisory Committee. We are looking for an experimental physicist with strong scientific and technical credentials, excellent management skills and the ability to both shape and represent the scientific agenda of the laboratory.

Applications and nominations for this position will be considered until the position is filled. However, for primary consideration, persons interested in applying for this position or in nominating others should contact the Search Committee by April 1, 1996 by writing to:

**Chair, Physics Associate Director Search Committee
c/o Donna Lewis - CEBAF Director's Office
Continuous Electron Beam Accelerator Facility
12000 Jefferson Avenue
Newport News, Virginia 23606, USA**

The Swiss Federal Institute of Technology Zurich (ETHZ) invites applications for the position of a

**Professor for Experimental
Particle Physics**

The long term priority program will be the participation in the CMS collaboration at the CERN Large Hadron Collider (LHC). The new professor will therefore have his/her own research group in the CMS collaboration. It is furthermore possible to participate in one of the experiments L3 at LEP or H1 at HERA. Teaching of basic and advanced courses at the undergraduate level at all departments is required. An appropriate research program for students at the diploma level at ETHZ is expected.

The new professor should have an exceptional original research accomplishment including knowledge in development of experimental apparatus.

Please submit your application together with a curriculum vitae and a list of publications to the **President of ETH Zurich, Prof. Dr. J. Nüesch, ETH Zentrum, CH-8092 Zurich, no later than April 30, 1996**. The ETHZ specifically encourages female candidates to apply with a view towards increasing the proportion of female professors.

**UNIVERSITY OF VICTORIA
RESEARCH ASSOCIATE POSITION
IN EXPERIMENTAL HIGH ENERGY PHYSICS**

The University of Victoria invites applicants for a Research Associate position in Experimental High Energy Physics. The position will be based initially at CERN working on the OPAL experiment. It is a two year term position with a possible one year extension. The position is available on or after April 15, 1996.

The University of Victoria group is currently actively engaged in the OPAL LEP I physics program with particular emphasis on the line shape and on tau physics. The group is starting a new physics analysis program based on data collected at LEP 1,5 and at the LEP II facility beginning this year. The candidate will take an active role in the analysis of OPAL data.

The University of Victoria also is partly responsible for operating the OPAL online data reconstruction facility, a system of HP700 series computers. The successful candidate would be expected to assume a major role in the operation and support of this system.

Candidates should have a recent Ph.D. in particle physics and experience with UNIX based computer systems. Experience with operating system installation and management would be an asset. Interested candidates should send a curriculum vitae and arrange for two letters of recommendation to be sent to:

**R.K. Keeler
Department of Physics and Astronomy
University of Victoria
Box 3055
Victoria, British Columbia
V8W 3P6**

In accordance with Canadian immigration requirements, this advertisement is directed to Canadian citizens and permanent residents. Others are encouraged to apply but are not eligible for appointment unless a search among qualified Canadian applicants proves unsuccessful.

Closing date for application is 30 March 1996.

**Laboratori Nazionali di Frascati dell'INFN
EU Postdoctoral Fellowships (TMR Programme)**

We invite applications for postdoctoral fellowships (one to two years) in theoretical, experimental physics (high energy physics, astroparticle physics, nuclear physics, synchrotron radiation and gravitational wave detection), and accelerator physics at the Laboratori Nazionali di Frascati of INFN.

Applicants must be nationals of an EU member state (excluding Italy), or an associated state, age under 35 and have a PhD degree (or equivalent level of education) or 4 years' full-time research activities at post-graduate level. Furthermore the candidate should not have carried out research activities in Italy for more than 18 months in the last two years.

The Laboratori Nazionale di Frascati is part of the Istituto Nazionale di Fisica Nucleare and is situated on a pleasant hill about 20 km south of the centre of Rome. It is reachable within 30 min from Rome by train or in 5 min from the town of Frascati. Some 150 researchers work in the Laboratory on the different activities. The 1 GeV e⁺e⁻ machine DAΦNE (Phi factory) to study CP violation and hypernuclear physics is currently under commissioning.

More detailed information on the Laboratory activities can be obtained from the following contact persons:

Theory, F. Palumbo, tel. +39 6 94032887, palumbof@Inf.infn.it
H.E.P., P. Campana, tel. +39 6 94032898, campana@Inf.infn.it
Astrop.Phys., F. Ronga, tel. +39 6 94032914, ronga@Inf.infn.it
Nucl.Phys., N. Bianchi, tel. +39 6 94032320, bianchi@Inf.infn.it
Accel.Phys., M. Preger, tel. +39 6 94032272, preger@Inf.infn.it
Synchr.Rad., C.R. Natoli, tel. +39 6 94032881, natoli@Inf.infn.it
or on the www page (<http://www.Inf.infn.it/>).

Fellows will be employed under the EU's general conditions governing research training fellowships and will receive an allowance in ECUs per month to cover subsistence and mobility expenses, tax and social contributions and cost of attending conferences, travel expenses, etc... Global monthly allowance will be of about 3000 ECUs.

The selected candidates will be asked to apply to the next round of EU selection which has the closing date of 15 June 1996. A letter of application (where the activity of interest must be specified) and a CV should be sent to:

EU Fellowships Programme
Mrs. M. Cristina D'AMATO
Laboratori Nazionali dell'INFN
Via E. Fermi 40 - 00044 Frascati (Italy)
tel.: +39 6 94032373, fax: +39 6 94032475
E-mail: damato@Inf.infn.it

to arrive by 15 April for the participation at the June EU selection. Applicants should also arrange for two letters of recommendation to be sent at the above address by the same dates.

Czech Minister of Industry and Trade Vladimír Dlouhý (centre) enjoys a ride on the CERN LEP monorail with CERN Council Vice-President and President of the Czech Academy of Science Council of International Cooperation Jiri Niederle (left) and Maurice Jacob, in charge of CERN's relations with Member States.
(Photo HI 21 01.1996)



disciples and friends around the world who will remember with emotion his smile and sparkling eyes, which sought to understand and see beyond what was superficial.

Daniele Amati

(As well as Buenos Aires and Rio de Janeiro, Juan Jose Giambiagi also spent time at Manchester (UK) and at Caltech, where he worked with Murray Gell-Mann. His dimensional regularization paper with Bollini paralleled work done independently by G. 't Hooft and M. Veltman.)



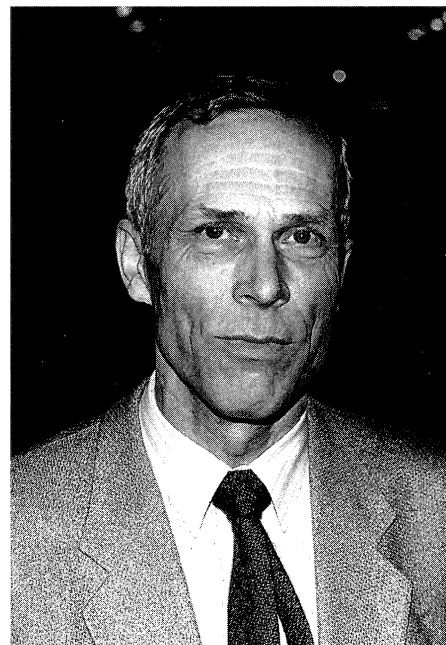
Anne Anderson, Ireland's Permanent Representative to the United Nations and other international organizations in Geneva, at the Aleph experiment at LEP with (right) Roger Forty of CERN and Norman Blackburne, Head of CERN's Directorate Services Unit.

Bo Angerth is the new Leader of CERN's Personnel Division, succeeding Willem Middelkoop.

Dietrich Güsewell is the Leader of CERN's new Engineering Support and Technologies (EST) Division.

CERN Courier contributions

The Editor welcomes contributions. These should be sent via electronic mail to courier@cernvm.cern.ch Plain text (ASCII) is preferred. Illustrations should follow by mail (CERN Courier, 1211 Geneva 23, Switzerland). Contributors, particularly conference organizers, contemplating lengthy efforts (more than about 500 words) should contact the Editor (by e-mail, or fax +41 22 782 1906) beforehand.



**TENURE-TRACK FACULTY POSITION
EXPERIMENTAL HIGH ENERGY PHYSICS
THE OHIO STATE UNIVERSITY**

The Department of Physics invites applications for a tenure-track faculty position in Experimental High Energy Physics, effective October 1, 1996. Our goal is to expand our High Energy Physics program and to start a group preferably working in hadron collider physics. The successful candidate will lead this effort. Depending on the applicant's qualifications, the appointment will be made at the Assistant, Associate or Full Professor level.

The Ohio State University physics department currently has 46 faculty members covering research areas in experimental and theoretical atomic, molecular, condensed matter, nuclear and high energy physics, and theoretical astrophysics. The experimental high energy group presently consists of six faculty members who are conducting experiments in electron-positron annihilations with the CLEO collaboration and in electron-proton collisions with the ZEUS collaboration at DESY, Germany. Future commitments of our current faculty include proton-proton collider physics with the CMS collaboration at the LHC, and the CLEO-III upgrade at Cornell.

Interested applicants should send a resume, a description of scholarly achievements and research interests, and at least three letters of reference to: Professor Klaus Honscheid, Department of Physics, The Ohio State University, 174 West 18th Avenue, Columbus, OH 43210-1106 USA. Applications should arrive no later than May 1, 1996 to receive full consideration. The Ohio State University is an Equal Opportunity/Affirmative Action Employer. Qualified women, minorities, Vietnam-era Veterans, disabled veterans and individuals with disabilities are encouraged to apply.

**RESEARCH ASSOCIATE POSITION
Experimental High Energy Physics
Carnegie Mellon University**

The Department of Physics at Carnegie Mellon University invites applications for a postdoctoral Research Associate position in experimental high energy physics. The individual who fills this position will work at the ongoing L3 experiment at LEP and on detector development for the future CMS experiment at the LHC, both on-site at CERN and at Carnegie Mellon. Applicants should submit a curriculum vitae and arrange to have three letters of recommendation sent directly and as soon as possible to:

Professor Helmut Vogel*
Department of Physics
Carnegie Mellon University
Pittsburgh, Pennsylvania 15213, USA
e-mail: vogel@cmphys.phys.cmu.edu

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As a senior hardware designer, you must also possess strong system design and related analog, digital and mixed mode design skills. You must be able to design analog front ends. When there are no existing solutions, you will participate and contribute to the specification and design of new custom monolithics. You'll also design high speed digital circuits implemented in discrete logic, programmable logic, FPGAs and gate arrays. Many designs will require use of ECL or other differential, high speed logic. Low noise design skills, good understanding of transmission line theory, printed circuit board layout techniques and high density packaging techniques such as Hybrids, MultiChip Modules and daughter cards also essential.

We require 10+ years experience in design and development engineering, including relevant experience with modular data acquisition products such as VME, CAMAC, FASTBUS or VXI. Five years experience in project or engineering group leadership, some familiarity with C and C programming and a BSEE essential. An advanced degree is preferred.

We offer a competitive salary and benefits. To apply, please mail or fax resume with salary requirements, to: **Dept CC/EGL, LeCroy Corporation, 700 Chestnut Ridge Road, Chestnut Ridge, New York, 10977. Fax: (914) 425-8967.** We are an Equal Opportunity Employer m/f/d/v.

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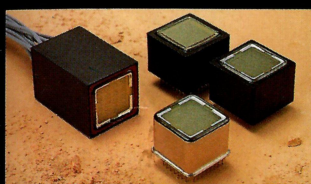
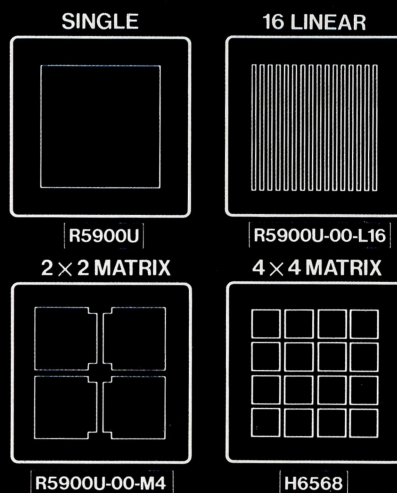


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H6568	□4mm(×16 Channels)	4×4	1	0.83	3.3×10^6
R5900U-00-L16	0.8mm × 16mm (×16 Channels)	1×16	3	0.6	2×10^6

■ Anode Pattern Variation



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