People and things

At CERN, Geoff Taylor of Melbourne explains the ATLAS experiment at CERN's LHC proton collider to Australian senator Jacinta Collins. Both Melbourne and Sydney are members of the ATLAS collaboration.

LEP 2000

At its June meeting, CERN's governing body, Council, decided that CERN's flagship machine, the LEP electron-positron collider, should continue physics in the year 2000 before finally being shut down. Running at a collision energy of 189 GeV, LEP is exploring the region where, according to consistency checks on today's Standard Model of particle physics, the famous Higgs particle is most likely to be found. The Higgs, responsible for electroweak symmetry breaking, is the missing link in the Standard Model picture. Other new physics could come into view as the LEP energy is cranked higher. With upgrades of the cryoplants servicing the superconducting accelerating cavities which provide energy to the circulating beams, and with careful preparation of the cavities themselves, the goal is for LEP to attain an ultimate collision energy of 200 GeV (100 GeV per beam), more than double the energy of the machine when it was commissioned in 1989.

CERN Council

Also at the June meeting of CERN Council, Walter Majerotto of Austria was nominated Vice-President of Council for one year from 1 July.

Council decided CERN's new management structure to begin in January 1999 when Luciano Maiani starts his five year mandate as Director-General. Roger Cashmore (currently at Oxford) was appointed Director for Collider Programmes until December 2001; Claude Détraz (currently Director of the French IN2P3 institute of nuclear and particle physics) was appointed Director for Fixed Target and Future Programmes until December 2001; Lyndon Evans will continue as LHC Project Leader for three years; Horst Wenninger was appointed Director for Technology Transfer and Scientific Computing until May 1999 with Hans F. Hoffmann taking over from June 1999 to December 2001; Kurt Hübner will continue as Director for Accelerators for two years; Jürgen May was appointed Technical Director until 31 December 2001; and Maurice Robin will continue as Director of Administration for three years.

Manuel Delfino (currently at Barcelona's Universidad Autónoma) was appointed Leader of CERN's Information Technology (IT) Division from 1 January 1999 to 31 December 2001. Dietrich Güsewell was reappointed Leader of Engineering Support and Technologies (EST) Division from 1 January 1999 to 31 December 1999, and Philippe Lebrun (currently Leader of the Cryogenics for Accelerators Group in CERN's LHC Division) was appointed as Leader of LHC Division from 1 January 1999 to 31 December 2001.

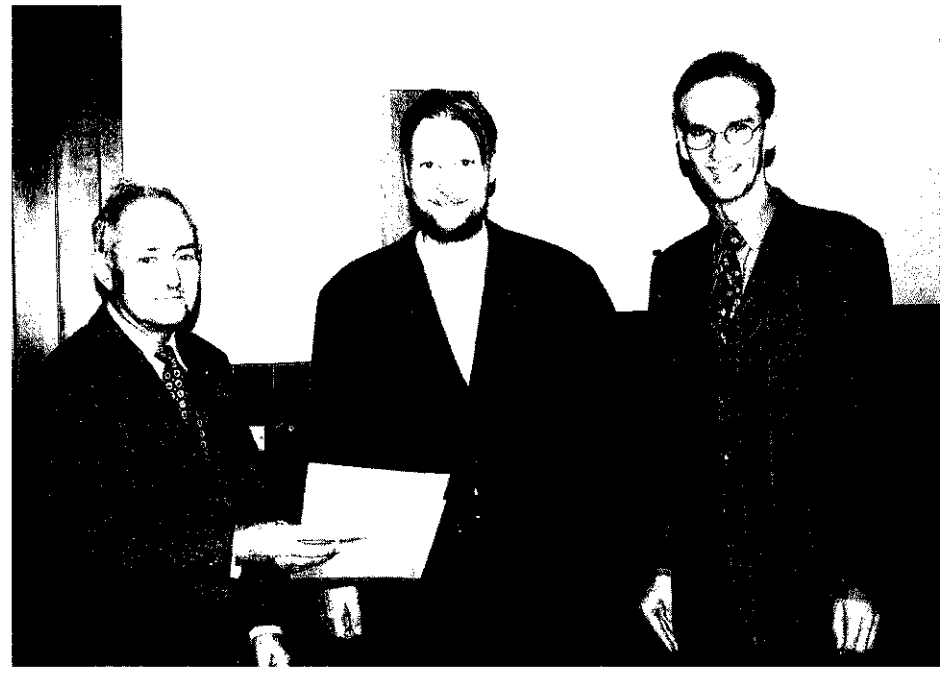
On people

Prominent cosmologist Martin Rees of Cambridge has been awarded the prestigious Bower Science Prize of Philadelphia's Franklin Institute 'for his significant contributions and research on cosmic evolution, black holes and galaxies'.

New members of the US National Academy of Sciences include Roman Jackiw of MIT and Michael Witherell of Santa Barbara.

Hans von der Schmitt takes over DESY's Technical Infrastructure and Central Computing department

The head of the Friends and Sponsors of DESY Association, Erich Lohrmann (left), Research Director at CERN from 1976 to 1978, former member of the DESY Directorate and leading DESY scientist for many years, presents the Association's annual PhD thesis prize to Alexandre Alimovich Glazov (32) from the Humboldt University in Berlin (centre) and Arnulf Quadt (29) from Oxford (right) for their measurements of the proton structure functions with respectively the H1 and ZEUS detectors.
(Photo Ilka Flegel)



DESY Directorate

On July 1, Hans von der Schmitt (49) took over the direction of the DESY's "Technical Infrastructure and Central Computing" (called "Z" for short) department from Ulrich Gensch, in charge of it since 1995, and who is now head of the DESY branch institute in Zeuthen (Brandenburg).

Hans von der Schmitt studied physics at Mainz. His main activities have included the realization of the "microtron" electron accelerator in Mainz and the development and optimization of the data acquisition systems for the OPAL and UA1 detectors at CERN as well as for the JADE detector at DESY. He habilitated (worked for a professorial degree) at Heidelberg in 1991 on microprocessor systems in data acquisition for high energy physics experiments. Two years later, he joined a software company in Bern, where he headed several major projects for the Swiss Telecom PTT (now Swisscom).

Honour for DESY's "Founding Father"

On June 18 Willibald Jentschke (86) was awarded a honorary doctorate by the Institute for High Energy Physics in Protvino near Moscow. The "founding father" of DESY was honoured "for his great contribution to the World Science, Humanism and Progress".

When Jentschke received a call from Hamburg University in the mid-fifties, he coupled his acceptance of a new responsibility with a demand for a modern particle accelerator - a German facility where internationally-recognized particle physics research could be performed and which would also provide students with up-to-date training. The result, DESY, was founded in 1959. The scientific use of synchrotron radiation, now DESY's second research area, also goes back to Jentschke's times. Willibald Jentschke was Head of the DESY Directorate from 1959 to 1970, and from 1971-75 served as Director General of CERN I.

SLAC archive

The Stanford Linear Accelerator Center (SLAC) has been honoured for its commitment to archival programmes by the California Society for Archivists, the first award given by the Society. SLAC, authorized by Congress in 1961, began its archival programme in 1986, when hundreds of linear feet of research records were inventoried as part of a history project. SLAC Archives officially began in 1989. Since then, the archival "dungeon" has been transformed into a state-of the-art storage area with temperature and humidity controls, light and air filtering, and mobile shelving. In addition, SLAC has continued and expanded its support of staff and equipment. Two of SLAC's oldest collections of photographs are being preserved on microfilm.

23 May marked the 70th birthday of eminent particle theorist Samoil Bilenky of Dubna's Bogoliubov Laboratory of Theoretical Physics. His researches into spin effects and neutrino oscillations have made a substantial contribution to particle physics.

Association of the Friends and Sponsors of DESY PhD Thesis Prize 1997

On June 4 the Association of the Friends and Sponsors of DESY awarded its fourth annual PhD thesis prize. Consisting of a certificate and 6000 DM, it honours the best PhD theses on a DESY subject in high energy physics and synchrotron radiation research, including biology, chemistry etc., completed during the year. This year Alexandre Alimovich Glazov (32) from the Humboldt University in Berlin and Arnulf Quadt (29) from Oxford receive the prize for their measurements of the proton structure functions with respectively the H1 and ZEUS detectors - reflecting the fact that HERA is now looking deeper than ever before into the structure of the proton. The Association of the Friends and Sponsors of DESY is an organization of firms and private individuals which aims to make DESY more than just a scientific base, for instance by supporting social and cultural activities.

JINR Dubna

This summer Joint Institute for Nuclear Research (JINR) Director V. Kadyshevsky and Vice-Director A. Sissakian paid a working visit to Armenia, a JINR Member State. They were received by Armenian President R. Kocharyan, with whom they discussed the development of collaboration between JINR and Armenian scientists. Special attention was given to the participation of Armenian research centres, together with JINR, in large international programmes, including those for CERN's LHC.

Despite economic difficulties, science in Armenia continues. On 29 June in Yerevan, the JINR leaders took part in the opening of the International Workshop on Classical and Quantum Integrated Systems, co-organized by JINR and Yerevan State University.

At the Yerevan Physics Institute (YePI), 30 June was marked by a special scientific event for the 90th anniversary of the birth of Academician A. Alikhanian, the founder and first director of YePI. At this Institute's accelerator, joint experiments with JINR are planned to study deuteron photodisintegration by polarized photons at 2 GeV.

Boris Sergeevich Dzhelepov

Boris Sergeevich Dzhelepov, renowned Russian scientist, corresponding member of the Russian Academy of Sciences, Professor of St.Petersburg, head of the nuclear spectroscopy laboratory at the Khlopin Radium Institute, suddenly died on 22 April.

Boris Sergeevich Dzhelepov

Among the founders of atomic science and industry in Russia, his name is closely associated with development of fundamental research on spectroscopy of atomic nuclei. He began investigating artificial radioactivity and beta decay as early as the mid-1930s, was one of the first to estimate the neutrino mass, and predicted proton radioactivity. He participated in the Soviet uranium project under I.V.Kurchatov.

His precise magnetic spectrometers allowed extensive investigations of nuclear decays. From 1950 he headed a major programme for studying the properties of nuclei far from beta stability. Decay of neutron-deficient nuclei produced in spallation reactions at the 680-MeV synchrocyclotron in Dubna was investigated at JINR (Dubna) and many other research centres in the

World Wide Web pioneer Tim Berners-Lee was the main speaker at the recent meeting 'Internet, Web, What's Next?' at CERN on 26 June, recalling how his 'dream' of a seamless information space using global hypertext became a reality at CERN in 1989. The special requirements of world collaboration in high energy physics catalysed the sudden appearance of the World Wide Web as an internet phenomenon. 'The Web could have been invented anywhere,' remarked Berners-Lee, 'but there was nowhere better than CERN.'

At the end of March CERN's Travelling Exhibition moved to Sweden after receiving over 31,000 visitors during five busy weeks in Helsinki. Gunnar Öquist, General Secretary of the Swedish Research Council NFR, and Luciano Maiani, CERN's Director-General designate, officiated at the opening ceremony in Teknorama at the Tekniska Museet, Stockholm, Cultural Capital of Europe '98. Next stop Luleå!

At a symposium dedicated to the memory of Los Alamos theorist Richard Slansky, who died on 16 January - left to right: Geoffrey West of Los Alamos, Slansky's daughter Jill, who spoke on cancer research at Johns Hopkins, and Sydney Meshkov of Caltech.

USSR and other JINR Member States. Over a hundred new radioactive nuclei were found. He summarized much new information in several monographs and handbooks.

For almost half a century B.S.Dzhelepov was the leading figure in planning and organizing annual all-Russian confrences on nuclear spectroscopy and nuclear structure. Many eminent scientists in Russia and other countries learnt much by working with him.

Fermilab meetings

October 10-12, International Conference on Heavy Quarks at Fixed Target (HQ98): Joel Butler, Fermilab, Chairman; Sponsored by Fermi National Accelerator Laboratory. http://www.fnal.gov/projects/hq98/

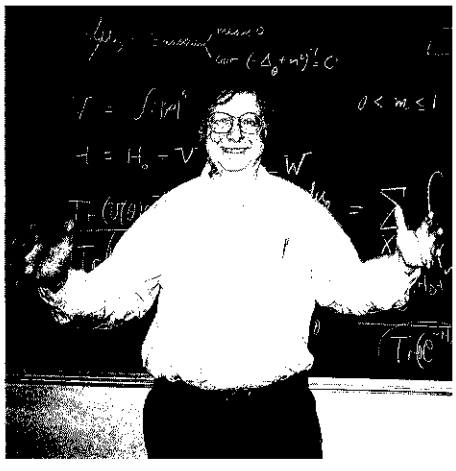
On April 3, a special symposium at Argonne marked the 65th birthday of former Argonne CERN Courier correspondent Malcolm Derrick and his contribution to the study of elementary particles. Speakers included John Dowell (Birmingham), Gale Pewitt (Fermilab), Gordon Charlton (DOE), Don Perkins (Oxford), David Miller (Purdue), Bo Andersson (Lund), Paul Kooijman (NIKHEF), Frank Sciulli (Columbia), Ned Goldwasser (Illinois) and Matthew Derrick (California, San Francisco). The symposium began with absorbing reminiscences by John Dowell of the early days at the Birmingham 1 GeV proton synchrotron. All the areas to which Malcolm made significant contributions were covered: bubble chamber construction, neutrino physics, electron-positron collisions, and electron-proton physics at HERA. The photo shows (left to right) Gaurang Yodh (California, Irvine), Larry Price (Argonne), Malcolm, and K.C. Wali (Syracuse).

October 16-18, RUN II Workshop (Top): Chris Quigg, Fermilab, Chairman; Sponsored by Fermi National Accelerator Laboratory.

November 19-21, RUN II Workshop (SUSY): Joe Lykken, Fermilab, Chairman; Sponsored by Fermi National Accelerator Laboratory. http://fnth37.fnal.gov/nov_meeting.html

June 14-19, SUSY 99 - 7th International Conference on Supersymmetries in Physics : Keith Ellis, Fermilab, Chairman; Sponsored by Fermi National Accelerator Laboratory. http://fnphyx-www.fnal.gov/conferences/susy99/susy99.html

Nov 19-21, 1998 "Physics at Run II" - Workshop on Supersymmetry/Higgs: Summary Meeting, M. Carena and J. Lykken, Co-Chairs; http://fnth37.fnal.gov/nov_meeting.html



A recent symposium marked the 60th birthday of axiomatic field theorist Arthur Jaffe of Harvard, currently President of the American Mathematical Society.

CERN Courier contributions

The Editor welcomes contributions. These should be sent via electronic mail to cern.courier@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.

The **Physics Department** of the **Johannes Gutenberg-Universität in Mainz** wants to fill the tenure faculty position of a

Professor for Experimental Physics (Besoldungsgruppe C3) at its Institute for Nuclear Physics

The activities of the Institute for Nuclear Physics are centered around the Mainz Microtron MAMI, a 100% duty cycle electron accelerator with an energy of 855 MeV (MAMI B), and related fields of physics. An increase of the energy to 1500 MeV (MAMI C) is applied for and will be decided by end of 1998. Physicists qualified in the fields of nuclear or particle physics are invited to apply. It is expected that the successful candidate will use this accelerator on the basis of the common equipment, budgets and personnel and that he/she promotes the fields of physics pursued at the institute.

For additional support of the work at MAMI a special research project (Sonderforschungsbereich) 'Many-Body Structure of Strongly Interacting Particles' has been applied for at the Deutsche Forschungsgemeinschaft DFG. A participation in this special research project is desired. It is expected that the successful candidate takes on teaching and administrative duties to the usual extent.

Applications from qualified women are particularly encouraged.

Applications should be sent with a curriculum vitae including research, teaching, and administrative experience and a list of publications to arrive not later than September 30, 1998 at the: Dekan des FB Physik der Johannes Gutenberg-Universität Mainz, Postfach 3980, D-55 099 Mainz, Germany.

ÉCOLE POLYTECHNIQUE FÉDÉRALE DE LAUSANNE

The Swiss Federal Institute of Technology Lausanne (EPFL) invites applications for a position of

Professor in processor architecture

for the Department of Computer Science

Candidates should be high competent in the fields of hardware architecture of processors and systems, and in one or several areas mentioned below: **reconfigurable systems, RISC and VLIW processors, Low power processors, micro-controllers for industrial applications, architecture for parallel pre-processing (intelligent sensors), specialized coprocessors.**
The applicant must have pedagogical skills at all teaching levels as well as strong aptitudes in guidance and management of research projects. He/she will be open to research collaborations, especially with companies. A few years of industrial experience is an advantage.
Deadline for registration: 15 November 1998. Starting date upon mutual agreement. Interested applicants can ask for the applications forms by writing or faxing to: **Présidence de l'Ecole polytechnique fédérale de Lausanne, CE-Ecublens, CH-1015 Lausanne, Switzerland, fax nr. +41 21 693 70 84.** For further information, please consult also URL: *http://www.epfl.ch, http://diwww.epfl.ch/* or *http://admwww.epfl.ch/pres/profs.html*

University of Helsinki
Finland

Professor in Experimental Particle Physics

The Faculty of Science at the University of Helsinki, Finland, invites applications for a full professorship in Experimental Particle Physics. The professorship is a joint permanent position of the Department of Physics and the Helsinki Institute of Physics. The candidate should direct research projects related to the CMS experiment at CERN. He (she) will be responsible for the Finnish participation in this project which is the main national particle physics experiment of Finland. The candidate is expected to work for a large part of the year at CERN. We are looking for a candidate with both significant accomplishments and promise for important achievements, who will lead innovative and high-impact research efforts. Teaching experience at undergraduate and graduate levels is expected. Candidates who do not have Finnish as their mother tongue should teach in English. Salary conditions will be based on those applied at CERN and Finnish universities.

For further information please contact: **Prof. J. Keinonen**, Head of the Department of Physics, tel. +358 9 191 8437, e-mail: Juhani.Keinonen@helsinki.fi, or **Prof. E. Byckling**, Director of the Helsinki Institute of Physics, tel. +358 9 191 8506, e-mail: Eero.Byckling@hip.fi.

An overview of the Department of Physics can be obtained from http://www.physics.helsinki.fi and of the Helsinki Institute of Physics from http://www.hip.fi.

Applications should include curriculum vitae with a brief account of the applicant's qualifications and academic activity relevant to the vacancy, a short report of the applicant's teaching merits, a numbered complete list of publications, one copy of all the listed publications, and four copies of up to 25 most important publications. The application should be addressed to the **Faculty of Science, University of Helsinki** and mailed to the **Registrar of the University, P.O. Box 33 (Yliopistonkatu 4), FIN-00014 UNIVERSITY OF HELSINKI, Finland**. Deadline for the application is November 3, 1998.

Universität Heidelberg

The Institute for High Energy Physics (IHEP) at Heidelberg University has an immediate opening for a

Permanent Position in Technical Computer Science

Heidelberg is one of the most beautiful German cities, located at the river Neckar, in an area with a particularly mild micro climate.

The successful applicant is to play a major role within a new and growing research group, and is to participate in both the scientific and educational activities of a German *Lehrstuhl*. Besides collaboration with industry, the scientific projects include long term activities such as the design and implementation of a fast trigger processor for one of the LHC experiments at CERN. Those projects include hardware and software design using the latest state of the art tools and equipment. The research group has access to an in-house ASIC laboratory.

Candidates should have experience in the design and implementation and debugging of digital hardware including PC board level design and FPGA design. Background in ASIC design and experience with modern digital design methodology (VHDL/ Verilog synthesis) is very favorable. The candidate should be familiar with Windows NT and Unix and should have experience with C and C++. Background in the development of firmware or embedded real-time software as well as knowledge about NT/Unix driver development are highly regarded. Familiarity with real-time operating systems such as Linux, VxWorks and OS9 are useful.

Disabled applicants with equal qualifications will be preferred. The Heidelberg University encourages especially women to apply.

Interested applicants are invited to send their application before 31.10.1998 to:

Ruprecht-Karls-Universität Heidelberg
Institute for High Energy Physics
Ref: VOLI_1B
Schröderstrasse 90
D-69120 Heidelberg, Germany

For additional information, please contact Prof. Volker Lindenstruth.
e-mail: voli@ihep.uni-heidelberg.dc, phone: + 62 21/54 - 43 03.

The II. Institut für Experimentalphysik, University of Hamburg, Group Prof. Dr. Robert Klanner has an opening for a six-year appointment for a

HOCHSCHULASSISTENT C1

starting October 1. 1998.

The successful candidate will have the opportunity to work on the ZEUS-experiment at the HERA-collider, the development and construction of particle detectors (ZEUS-microvertex detector) and the study of the radiation hardness of silicon detectors.

Teaching at the University (mostly in German) of 4 hours weekly during the semester is required.

The candidate should have obtained a PhD in Physics with above average marks.

The University of Hamburg aims to increase the fraction of women in its scientific staff and asks qualified scientists to apply.

Please send applications with the usual documents (CV, examination certificates and bibliography) until September 15 1998 to:

Prof. Robert Klanner
II.Inst. für Experimentalphysik
Universität Hamburg
Luruper Chaussee 149
22761 Hamburg

(Tel. 0049-40-8998-2958 or 2957)
(Fax. 0049-40-8998-2959)

More information: http://www.desy.de/~zetsche/hh2/hh2zeus_engl.html, and EMail: Robert.Klanner@desy.de

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EXPERIMENTAL CONDENSED MATTER PHYSICS

University of Utah

The Physics Department at the University of Utah is seeking highly qualified candidates for an assistant professor tenure track position in experimental condensed matter physics. Research specialties of particular interest include the physics of nanostructures, quantum electronics, optics and acoustics. We seek candidates with strong commitments to both teaching and research. Successful candidates will be expected to teach undergraduate and graduate courses in Physics.

Candidates should submit their curriculum vitae, list of publications, and three letters of recommendation by February 15, 1999 to:

CONDENSED MATTER SEARCH COMMITTEE
Department of Physics
115 South 1400 East, Room 201
University of Utah
Salt Lake City, UT 84112-0830

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UNIVERSITY OF VICTORIA
POSTDOCTORAL
RESEARCH ASSOCIATE POSITIONS IN
EXPERIMENTAL HIGH ENERGY PHYSICS

The University of Victoria invites applicants for Research Associate positions in Experimental High Energy Physics. The positions will be based at CERN and at the University of Victoria, working on the OPAL experiment. The positions have terms of two years with a possible one year extension. Positions are available immediately.
The University of Victoria group is currently pursuing research at LEP II with the OPAL collaboration. We expect successful candidates to take an active role in the analyses of OPAL data. The group already has a significant role in searches for new phenomena, triple gauge coupling measurements and several aspects of physics with tau leptons.
The University of Victoria also is responsible for operating the OPAL online data reconstruction facility. The successful candidates 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 operating systems. Familiarity with the C programming language and experience with operating system installation and management would be an asset. Interested candidates should, prior to 30 October 1998, send a curriculum vitae and arrange for two letters of recommendation to be sent to:

R. Sobie
Department of Physics and Astronomy
University of Victoria
Box 3055 Stn CSC
Victoria, British Columbia
V8W 3P6
E-mail: rsobie@uvic.ca
FAX: (250) 721-7752

In accordance with Canadian immigration regulations, priority will be given to Canadian citizens and permanent residents. All qualified individuals are encouraged to apply.

See also page 37
Victoria UNIV.!!!

FACULTY POSITIONS IN PHYSICS

UNIVERSITY OF CALIFORNIA, BERKELEY

The Physics Department of the University of California, Berkeley intends to make one or more faculty appointments effective July 1, 1999, pending budget approval. Candidates from all fields of physics are encouraged to apply. Appointments at both tenure-track assistant professor and tenured levels will be considered.

Please send a curriculum vitae, bibliography, statement of research interests, and a list of references to **Professor Roger W. Falcone, Chairman, Department of Physics, 366 LeConte Hall #7300, University of California, Berkeley, CA 94720-7300**, by Tuesday, November 24, 1998. E-mail applications will not be accepted. Applications submitted after the deadline will not be considered. The University of California is an Equal Opportunity, Affirmative Action Employer.

TENURE TRACK FACULTY POSITION
Experimental High Energy Physics
Carnegie Mellon University

The Department of Physics at Carnegie Mellon University invites applications for a junior tenure track faculty position in the area of experimental particle physics. The present program consists of experiment 781 at FNAL and the L3 experiment at CERN. Future activity is planned at the LHC, as members of the CMS detector and in the development of a BTEV facility at FNAL.

Applicants for the position should have postdoctoral experience and demonstrated ability in both instrumentation and analysis. The successful candidate is expected to assume a leadership role in future experiments. Applicants should be committed to excellence in undergraduate and graduate education.

The position will become available starting September 1999. Applications and three letters of recommendation can be sent via e-mail followed by a paper copy, to:

High Energy Search Committee
ATTN: Prof. A. Engler
Department of Physics
Carnegie Mellon University
Pittsburgh, PA 15213, USA
(e-mail: engler@cmphys.phys.cmu.edu)

Applications arriving until October 15, 1998 will be considered.

Carnegie Mellon is an equal opportunity / affirmative action employer

POSTDOCTORAL RESEARCH POSITIONS

EXPERIMENTAL ELEMENTARY PARTICLE PHYSICS
UNIVERSITY OF CALIFORNIA AT SAN DIEGO

The Department of Physics at the University of California, San Diego invites applications from outstanding candidates for one to two postdoctoral research positions in experimental Elementary Particle Physics (subject to budget approval). The primary purpose of these postdoctoral positions is to develop and build components of the CMS Data Acquisition and Higher Level Trigger system. The CMS DAQ is a project which strains modern electronics and computing technology. The Level-2 and Level-3 triggers, both performed on the same large CPU farm, will make a factor of about 1000 reduction in the trigger rate and pick the events that are kept for physics analysis. UCSD is involved in experimental research in BaBar, CLEO, LEP, and the LHC. We expect to plan a program including both hardware R&D and physics analysis with the successful candidate(s). Information on the UCSD group and its activities can be accessed at http://hephp1.ucsd.edu/. A Ph.D. in experimental Particle Physics and experience in both hardware and software development is required. Applicants should send a copy of their curriculum vitae, including a statement of physics interests, and arrange for three letters of recommendation to be sent to:

Prof. James G. Branson
Department of Physics, 0319
University of California at San Diego
9500 Gilman Drive
La Jolla, CA 92093-0319
email: pdsearch@hephp1.ucsd.edu or phone: (619) 534-2978)

The nominal deadline for the receipt of the application is October 20, 1998, but the search will continue until the position(s) are filled.

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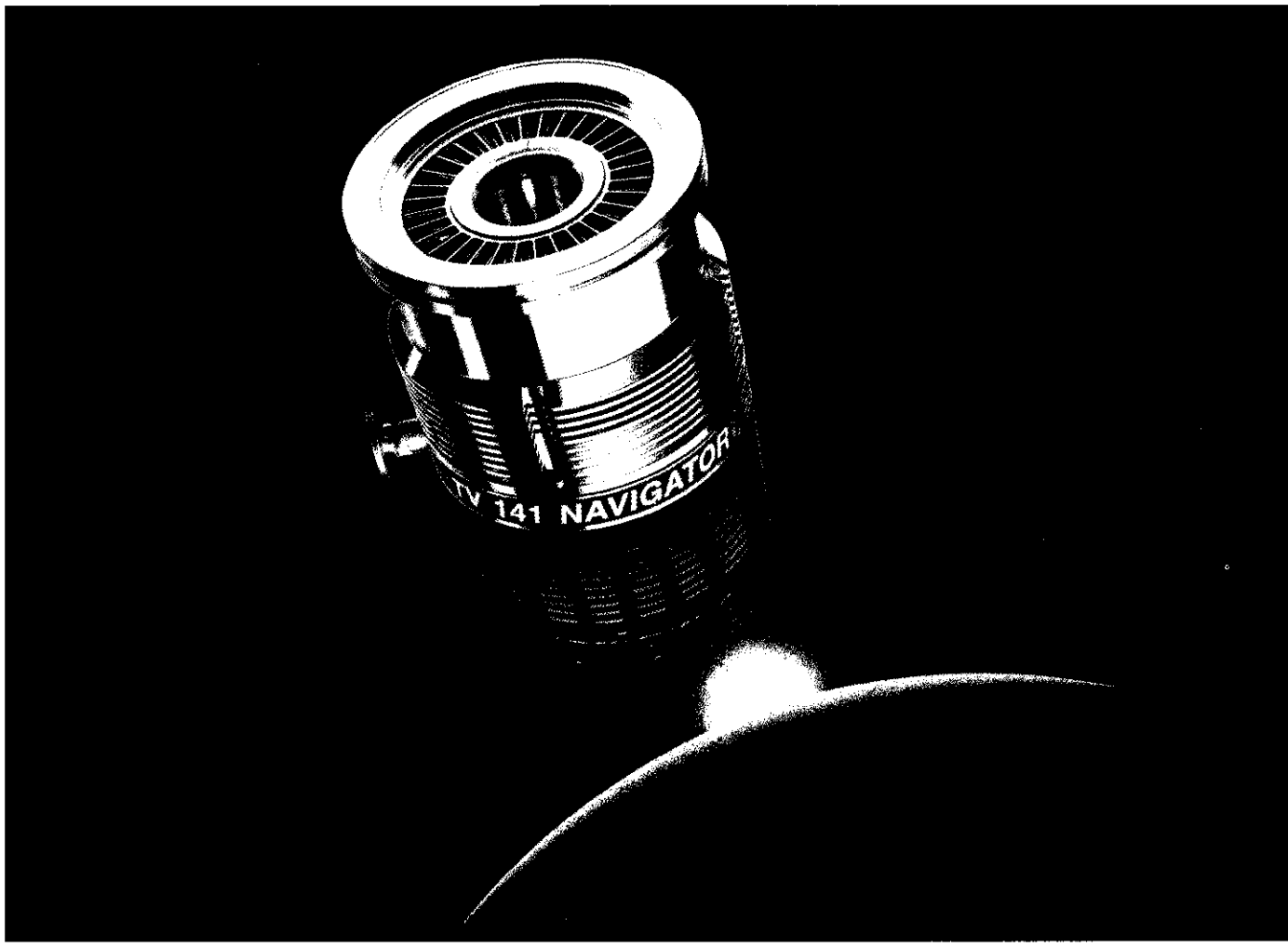

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R.K. Bock, W. Krischer

The Data Analysis BriefBook

1998. V, 190 pp. 46 figs. Online edition in POL and at the authors homepage at CERN. (Accelerator Physics)
Hardcover DM 45,-
ISBN 3-540-64119-X

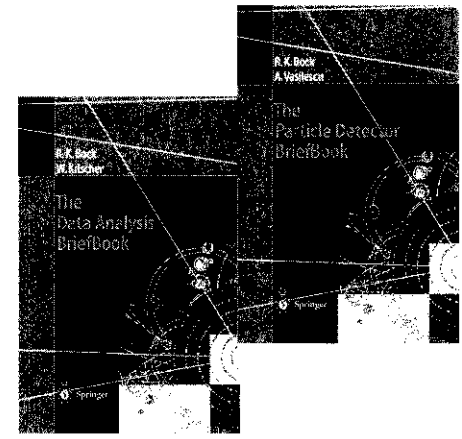
This BriefBook is a much extended glossary or a much condensed handbook, depending on the way one looks at it. In encyclopedic format, it covers subjects in statistics, computing, analysis, and related fields, resulting in a book that is both an introduction and a reference for scientists and engineers, especially experimental physicists dealing with data analysis.

R.K. Bock, A. Vasilescu

The Particle Detector BriefBook

1998. V, 132 pp. 8 figs. (Accelerator Physics)
Hardcover DM 45,-
ISBN 3-540-64120-3

This BriefBook is a much extended glossary or a much condensed handbook, depending on the way one looks at it. It deals with detectors in particle and nuclear physics experiments. The authors describe, in encyclopedic format, the physics, the application, and the analysis of data from these detectors. Ample reference is made to the published literature. An introduction for newcomers, a reference for scientists.



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