

on to 3-4 year PhDs. Professor Niewodniczański estimates that about 5% of physics graduates now move out of the country for their PhD studies; others leave before completing them. Professor Spalek emphasizes the need to attract and retain a critical number of young people who are recognized internationally by their research and will be strongly committed to lead others. Recent measures to do this include Warsaw University's grants in the second year of graduate studies, to attend conferences and schools, and graduate scholarships offered by the Foundation for the Development of Science. Indeed some professors (jokingly?) complain that their best students earn more than they do (a full-professor currently earns a basic gross monthly salary of ECU 350-400 without income from grants, as compared to ECU 200-300 for school teachers and up to ECU 900 for managers in industry).

In spite of its economic difficulties, Poland has managed to install a comprehensive grants system that science, government and the public are proud of. Virtually every authority one speaks to refers to the constant level of 0.7% of GNP spent on pure and applied research (similar to the levels in Hungary and the Czech Republic) as evidence that much has been achieved. There has been a demonstrable increase in productivity and quality. The physics community shows its resilience by being prepared to discuss what physics means, with some physicists, including Professor Turski, saying it is "still too large" for what is needed for science. Speaking at last year's Pugwash seminar *Evaluating Science and Scientists*, his view is

that the KBN is successful in maintaining science's credibility and support simply because it has a microscopic approach: there is no "major science policy" and funds are distributed more according to the value to science of individuals rather than on whether a topic is "useful" or in a "statistically defined mainstream". The paradox is that individual merit is generally evaluated and demonstrated in part by peers in terms of the variables and structures he probably dislikes.

Schools and Conferences POLAND, 1994

Ampere Workshop on Magnetic Resonances & Microwave Absorption in the High- T_c Superconducting Materials (Poznań, 10-13 April 1994); Inst. of Mol. Physics PAS, ul. Smoluchowskiego 17/19, PL-60-179 Poznań [+48 (61) 61 24 07 / 67 47 51; htsconf@marta.ifpan.poz.edu.pl]

4th Int. Symp. on Systems with Fast Ionic Transport (10-14 May 1994, Warsaw); Contact: W. Jakubowski, Physics Inst., Warsaw Polytechnic, ul. Koszykowa 75, PL-00-662 Warsaw [tel./fax: - / +48 (2) 62 81 71]

Interferometer '94 (Warsaw, 16-20 May 1994); M. Kujańska, Inst. of Design Precise and Optical Instruments, Warsaw Univ. of Tech., ul. Chodkiewicza 8, PL-02-525 Warsaw [- / +48 (22) 49 03 92]

ISSRNS-2: Int. School & Symp. on Synchrotron Radiation in Natural Science (Jaszowice, 18-26 May 1994); K. Lawniczak-Jablonska, Inst. of Physics, al. Lotników 32/46, PL-02-668 Warsaw [- / +48 (22) 43 09 26; jablo@ifpan.edu.pl]

17th Kazimierz Meeting on Elementary Particle Physics (Kazimierz, 23-27 May 1994); Z. Aduk, Inst. of Theo. Physics, Warsaw Univ., ul. Hoza 69, PL-00-681 Warsaw [+48 (2) 628 33 96 / 621 94 75; kazcon@fuw.edu.pl]

23rd Int. School on Physics: Physics of Semiconducting Compounds (Jaszowice, 30 May-3 June 1994); T. Story, Inst. of Physics, Polish Acad. of Sci., al. Lotników 32/46, PL-02-668 Warsaw [+48 (22) 43 56 26 / 43 09 26; story@ifpan.edu.pl]

Semi-insulating III-V Materials (Warsaw, 6-10 June '94) J. Katcki, Inst. of Electronic Tech., al. Lotników 32/46, PL-02-668 Warsaw [katcki@opto.ite.war.pl]

Physics Education in Technical Universities (Cracow, 27-28 June 1994); J. Niewodniczański, Fac. of Nuclear Phys. & Technology, Acad. of Mining & Metallurgy, al. Mickiewicza 30, PL-30-059 Cracow [niewodnicz@novell.ftj.agh.edu.pl]

11th Int. Conf. on Solid Compounds of Transition Elements (Wroclaw, 5-8 July 1994); W. Suski, Low Temp. & Structure Res., POB 937, PL-50-950 Wroclaw 2 [+48 (71) 350 21 / 44 10 29]

ICM '94: Int. Conf. on Magnetism (Warsaw, 22-26 Aug. 1994); J. Morkowski, Inst. of Molecular Physics, ul. Smoluchowskiego 17/19, PL-60-179 Poznań [+48 (61) 67 40 71 / 67 47 51]

Int. Conf. on the Theory of Hadrons & Light-front QCD (Zakopane, 15-26 Aug. 1994); St.D. Glazek, Inst. of Theo. Phys. Warsaw Univ., ul. Hoza 69, PL-00-681 Warsaw [+48 (2) 628 33 96 / 621 94 75; stglazek@fuw.edu.pl]

16th Conf. on Applied Crystallography (Cieszyn, 22-26 Aug. 1994); D. Stroz, Inst. Fizyki i Chemii Metali, Univ. Śląski, ul. Bankowa 12, PL-40-007 Katowice

18th Int. School on Theo. Physics: Interacting Electrons in Low-Dimensional Systems (Ustron, 28 Aug.-4 Sept. 1994); E. Zipper, Inst. of Physics, Univ. of Silesia, ul. Uniwersytecka 4, PL-40-007 Katowice.

SSPCM '94: 3rd Int. Summer School on Theo. Physics: Symmetry & Structural Props. of Condensed Matter (Poznań, 1-7 Sept. '94); S. Walcerz, Mathematical Physics Div. IF UAM, ul. Jana Matejki 48/49, PL-60-769 Poznań [+48 (61) 66 86 51 / 65 89 62; sspcm@plpam11.amu.edu.pl]

29th Zakopane School of Physics: Trends in Nuclear Physics (Zakopane, 5-14 Sept. 1994); W. Meczynski, Inst. of Nuclear Physics, ul. Radzikowskiego 152, PL-31-342 Cracow [+48 (12) 37 02 22 / 37 18 81; meczynski@vsb01.ifj.edu.pl]

ISFD-3: 3rd Int. Symp. on Domain Structure of Ferroelectrics & Related Materials (Zakopane, 6-9 Sept. '94); Cz. Pawlaczyk, Inst. of Molecular Physics, Polish Acad. of Sci., Smoluchowskiego 17/19, PL-60 179 Poznań [+48 (61) 61 23 47 / 68 45 24; isfd3@marta.ifpan.poz.edu.pl]

DRP '94: Conf. on Dielectric & Related Phenomena (Zakopane, 12-16 Sept. 1994); A.B. Szymanski, Cracow Inst. of Tech., ul. Makowa 16, PL-30-650 Cracow [+48 (12) 55 50 51 / 21 75 77; zt przyby @ cyf-kr.edu.pl]

10th Conf. on Solid & Liquid Crystals - Materials Science & Applications (Zakopane, 10-15 Oct. 1994); J. Zmija, Inst. of Tech. Physics, PL-00-908 Warsaw [+48 (2) 36 97 31 / 36 22 54]



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