CERN

LUCIANO MAIANI

the University of Rome's La Sapienza campus and president of the National Institute of Nuclear Physics, will take over from France's former research minister, Hubert Curien, on 1 January. Maiani's term is initially for one year, extendable to three. He has been one of Italy's CERN council delegates since 1993. **TONI FEDER**

AIP Reports Look at Master's Recipients and Postdocs

A pair of reports released recently by the American Institute of Physics look at employment among master's degree recipients who have physics backgrounds and underemployment among physics postdoctorates.

In *What Are Masters Doing?* AIP's Donald Rosdil reports on the career experiences of master's degree holders who had obtained at least one of their degrees in physics. The survey sample was drawn from members of the Sigma Pi Sigma physics honor society. The report found that respondents worked in nearly every sector of the economy, the most common being the industrial sector (defined as large and medium-sized firms), followed by the "autonomous private sector" (small business and professional practices, as well as the self-employed). Although physics was the most common master's degree field, about three-fifths of the respondents earned theirs in some other area, such as engineering, administration or computer science. Compared to those with degrees in other fields, the physics master's degree recipients reported having a wider range of career options. And a substantial majority of all respondents said that their undergraduate education in physics provided a solid background for whatever careers they chose.

Underemployment among Postdoctorates is based on responses to a 1994 survey of members of the ten AIP member societies. The report, prepared by Raymond Chu of AIP, found that 63% of respondents who had received their PhD within the previous year were in postdoc positions, and the vast majority of postdocs said their work was professionally challenging and required a doctoral education. Of those in their first year of a postdoc appointment, over one-third had sought permanent positions, but fewer than 5% considered themselves underemployed. However, the longer the postdoc position lasted, the more likely the respondent was to consider himself or herself underemployed.

Single copies of these reports are available free of charge from AIP's Education and Employment Statistics Division, One Physics Ellipse, College Park, MD 20740; phone 301-209-3070, e-mail stats@aip.org.

AUDREY T. LEATH

Woodall Will Lead AVS in 1998

Members of the American Vacuum Society recently chose Jerry M. Woodall to be their president-elect for 1997. After serving a one-year term, Woodall will succeed Gary E. McGuire, who takes office as AVS president on 1 January.

Woodall is the Charles William Harrison Distinguished Professor of Microelectronics at Purdue University. He holds a BS in metallurgy from MIT and a PhD in electrical engineering from Cornell University. In 1960, he began working at Clevite Transistor Products in Waltham, Massachusetts, and two years later he joined the IBM Corp's T. J. Watson Research Center in Yorktown Heights, New York, where he was first a research staff member and later an IBM fellow. He joined Purdue in 1993. An expert in exploratory semiconductor materials and novel devices, Woodall has recently been working on the molecular beam epitaxial growth of III–V materials and devices, including metal contacts and doping studies.

Other newly elected AVS officers include Joseph E. Greene of the University of Illinois at Urbana-Champaign and Linköping University in Sweden, who will be the new clerk, and N. Rey Whetten, the AVS technical director, who will continue as treasurer. Christie R. K. Marrian of the Naval Research Laboratory was chosen to fill the position on the AVS board of directors being vacated by Woodall. Lawrence L. Kazmerski of the National Renewable Energy Laboratory and Patricia A. Thiel of Iowa State University and Ames Laboratory were elected trustees of AVS.

Siegman Elected Vice President of OSA

On 1 January, Anthony E. Siegman will assume the vice presidency of the Optical Society of America. Siegman, who was elected by OSA members earlier this fall, will succeed Gary C. Bjorklund, who will become president-elect of OSA. Janet Sue Fender is the society's president for 1997.

Siegman received a bachelor's degree from Harvard College in 1952, an MS in applied physics from the University of California, Los Angeles, in 1954 and a PhD in electrical engineering from Stanford University in 1957. He then joined the Stanford faculty, where he is now professor of electrical engineering and holds the Burton J. and Ann M. McMurtry Chair of Engineering. Siegman's research includes recent studies on lasers and optics, particularly laser beams and resonators, ultrashort pulses and quantum noise measurements. "I'm also known as the owner of the largest dog on the Stanford campus," Siegman told PHYSICS TODAY.

Three newly elected OSA directors at large will also take office in January. They are Paul F. Forman of Zygo Corp, David Hanna of the University of Southampton in England and David E. Pritchard of MIT. A fourth director, Sune Svanberg of the Lund Institute of Technology in Sweden, was appointed by the OSA board.

IN BRIEF

American Men and Women of Science contains biographical information on 120 000 scientists and engineers in the US. In preparation for the 20th edition of this reference work, to appear in the fall of 1997, publisher R. R. Bowker is now seeking updates to existing listings, as well as nominations for new listings. Individuals already listed in the current edition will receive a form on which to make revisions or corrections. Those who are not listed, and who live and work in the US or Canada, may nominate themselves by sending their name, scientific discipline and full address to Tanya Hurst, *American Men and Women of Science*, R. R. Bowker, 121 Chanlon Road, New Providence, NJ 07974; fax 908-771-8736. There is no fee for listing. ■