J. Friso van der Veen

Head of Research Department, Synchrotron Radiation and Nanotechnology, Paul Scherrer Institute

Using research results obtained at the Swiss Light Source as examples, Prof. J. Friso van der Veen will highlight in his presentation the role of synchrotron radiation in the imaging and manufacturing of nanometer-sized structures. Applications range from biomedicine through magnetic storage media to nanotlithography.

Friso van der Veen was appointed Professor of Experimental Physics at ETH-Zürich in May 2000. He is head of the Research Department of Synchrotron Radiation and Nanotechnology at the Paul Scherrer Institute (PSI) and Deputy Director of PSI. Born in 1949 in The Netherlands, he graduated at the University of Utrecht and received his PhD in 1978. After spending in 1979 a year as postdoc at IBM Yorktown Heights, he joined in 1980 the staff at the FOM-Institute for Atomic and Molecular Physics in Amsterdam. In 1997 he was appointed full professor at the Van der Waals-Zeeman Institute of the University of Amsterdam. His personal research interests lie in the application of x-ray scattering techniques for studies of the structural properties of liquids under nanometer confinement and as well as in the development of synchrotron radiation instrumentation. In 1998 Prof. van der Veen has been awarded the IUVSTA Prize for Science. He is a corresponding member of the Royal Academy of Sciences of The Netherlands.