

Dennis M. Mills

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Dennis Mills received his Ph.D. at Cornell University in Applied Physics in 1979. After graduation, he worked as a Staff Scientist at the Cornell High Energy Synchrotron Source (CHESS). In 1987 he was awarded a Guggenheim Fellowship and held a Visiting Scientist post at Argonne National Laboratory and the Synchrotron Radiation Source at Daresbury, U.K during that year. He joined the staff of the Advanced Photon Source (APS) at Argonne in 1988 and is currently the Deputy Associate Laboratory Director for Photon Sciences and Deputy Director of the APS.

His main scientific interests are x-ray optics for synchrotron radiation applications and the use of the unique properties of synchrotron radiation, such as the polarization and modulated time structure, for studying condensed matter physics and is a Fellow of the American Physical Society. In 1998 he was awarded the Advanced Photon Source Arthur H. Compton Award (1998) for work related to x-ray optics and the University of Chicago Pinnacle of Education Award in 2008 for his contributions to the development of the National Neutron and X-ray Scattering School.