

Atac Imamoglu

Atac Imamoglu has been full Professor of Quantum Electronics at the Department of Physics of the ETH Zurich since December 2002, where he is heading the research group on Quantum Photonics.

Prof. Imamoglu received his Ph.D from Stanford University with a dissertation on electromagnetically induced transparency and lasers without inversion. After postdoctoral stays at NTT Basic Research Laboratories in Tokyo, Japan and at the Institute of Theoretical Atomic and Molecular Physics at Harvard University in Cambridge, Massachusetts, he joined The University of California at Santa Barbara as an Assistant Professor in 1993. He was promoted to Associate Professorship in 1997 and to full Professorship in 1999. Prof. Imamoglu has pioneered the use of quantum dots in study of quantum optical phenomena. In particular, his group demonstrated the first quantum dot single photon source, the Purcell effect, and the use of photon correlation spectroscopy to understand quantum dot physics.

Prof. Imamoglu has received the Wolfgang Paul Award of the Humboldt Foundation in 2002, David and Lucile Packard Fellowship in 1996, and NSF Career Award in 1995. He is a fellow of the American Physical Society and of the Optical Society of America.

Home page: <http://www.iqe.ethz.ch/quantumphotonics/Welcome.html>