

Personal Information

Full name	Yukio Hasegawa
Current position	Associate Professor
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**Short Biography**

Since his Ph. D researches activities in Department of Applied Physics, The University of Tokyo, under the supervision of Professor Toshio Sakurai, which also include 7-month visiting stay in a group of Prof. Young Kuk at AT&T Bell Lab. USA, Dr. Hasegawa has been working on nanoscale science by scanning probe microscopy. After working as a postdoctoral fellow in a group of Dr. Phaedon Avouris, IBM T.J. Watson Research Center, USA, he worked at Mesoscopic Research Center, Kyoto University, and the Institute for Materials Research, Tohoku University, Japan, and in 1999 he moved to the Institute for Solid State Physics, The University of Tokyo, to take a present position. Dr. Hasegawa's research subjects include ballistic electron emission microscopy on metal/semiconductor interfaces, atomic-scale electrostatic potential measurements by Kelvin probe force microscopy, observation of standing wave and Friedel oscillations, and nano-scale chemical analysis by synchrotron-radiation assisted STM. Recently, his research activities focus on nano-scale phenomena on two-dimensional superconductivity, spin texture of magnetic thin films, and nanoscale quantum electron transport by scanning potentiometry.