



Name: Nobuyuki Yoshikawa

Affiliation: Yokohama National University (since 1989)

Position: Professor, the Department of Electrical and Computer Engineering

Previous Positions: A visiting researcher, University of California at Berkeley

Education: Yokohama National University - Ph.D. 1989; M.E., 1986; B. E., 1984

Research Interests/Areas of Expertise: Superconductive devices and their application in digital and analog circuits, single flux quantum logic, energy-efficient superconducting logic, readout circuits for detectors and quantum computing devices, cryo CMOS devices and single electron devices.

Publications: More than 200 papers (IEEE Trans. Appl. Supercond., SUST, Appl. Phys. Lett., J. Appl. Phys., IEICE Trans. on Electron., etc.)

Approximate Number of Years in Applied Superconductivity: 27

Membership in Professional Societies: IEEE, JSAP, IEICE, IEE of Japan, Cryogenics and Superconductivity Society of Japan

Previous ASC Service: Electronics Program Committee ASC 2008
Session Chair ASC 2002, 2004, 2006, 2008, 2010, 2012, 2014

Service to Related Conferences: Publication Chair, ISEC 2014
Program Committee, ISEC 2009, ISEC 2001
Chair of the Technical Group on Superconducting Electronics of the IEICE
Chair of the Technical Committee on Metal and Ceramics of the IEE, Japan.

Honors and Awards:
2004 The Superconductivity Science and Technology Award, the Forum of Superconductivity Science and Technology.
2000 The 146 Committee Award of the Japan Society for the Promotion of Science (JSPS).