



Name: Hirotaka Terai

Affiliation: National Institute of Information and Communications Technology

Position: Director of superconducting ICT research group

Previous Positions: Professor, Osaka Prefecture University
Professor, Yokohama National University

Education: Ph.D. University of Nagoya, 1996

Research Interests/Areas of Expertise: Superconducting digital circuits, superconducting nanowire single-photon detector, superconducting qubits, fabrication of superconducting integrated circuits

Publications: More than 100 scientific papers.

Approximate Number of Years in Applied Superconductivity: 33

Membership in Professional Societies: JSAP, IEICE of Japan, APS

Previous ASC Service: Session Chair ASC 2010, 2012, 2014, 2018

Service to Related Conferences: Chair of the Program Committee, ISS 2022
Program Committee, EUCAS 2021
Chief Secretary of Superconductor Division, JSAP 2018-2019
The Technical Committee, IEC/TC90 2013-
Program Committee, ISS 2011-2016
Program Committee, JSAP 2005-2012

Honors and Awards:
2021 The Maejima Hisoka Award of the Tsushinbunka Association
2018 The Superconductivity Science and Technology Award, the Forum of Superconductivity Science and Technology.
2015 Poster Award of the Japan Society for Applied Physics (JSAP).
2010 The 146 Committee Award of the Japan Society for the Promotion of Science (JSPS).
2004 The Superconductivity Science and Technology Award, the Forum of Superconductivity Science and Technology.
2000 Young Scientist Presentation Award of the Japan Society for Applied Physics (JSAP).