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| Name: | Takanobu Kiss |
| Affiliation: | Kyushu University, Japan |
| Position: | Professor, Dept. of Electrical Engineering, Graduate School of Information Science and Systems Professor, Research Institute of Superconductor Science and Systems Vice-Director, Low Temperature Center Senior Chief Researcher, Industrial Superconductivity Technology Res. Association (iSTERA) |
| Previous Positions: | Associ. Prof., Kyushu Univ. (1996-2007), Visiting Scientist, Univ. of Twente, The Netherlands (1999.9-2000.3), Visiting Scholar, Applied Superconductivity Center, Univ. of Wisconsin-Madison, U.S.A. (1999.3-1999.9), Res. Associ., Kyushu Univ. (1991-1996), JSPS Young Scientist Fellow (1989-1991). |
| Education: | Kyushu University (Dr. of Eng. in Electronic Engineering in 1991, MS in 1988, BS in 1986) |
| Research Interests/Areas of Expertise: | Professor Kiss is expert in the area of critical current and vortex pinning of superconducting materials. He has developed novel methods for spatially resolved measurements of electromagnetic properties of superconductors that include in-field low temperature laser scanning microscopy, scanning SQUID microscopy and scanning Hall probe microscopy. |
| Publications: | 5 Book Chapters, 206 papers, 5 patents, and 63 invited talks at international meetings. |
| Approximate Number of Years in Applied Superconductivity: | 29 |
| Membership in Professional Societies: | 2014-present: Chairman of the Int'l Exchange Committee, Cryogenics and Supercond. Soc. of Japan; 2013-present: The Member of ICEC Board; 2013-present: The International Editorial Board Member of the European Superconductivity News Forum; 2009-present: The Member of Advisory Board of the IOP Journal of Supercond. Science and Technology; 2008-2013: Chairman of the Wire Development Committee, MPACC National Project; Member of the Japan Society of Applied Physics, the Institute of Electrical Engineering of Japan, the Institute of Electronics, Information and Communication Engineers, IEEE, MRS and ACerS. |
| Awards: | Selected as a full member of the International Academy of Electrotechnical Sciences, July 2014; 10th Superconductor Science and Technology Award, the Society of Non-Traditional Technology, June 2006. |
| Previous ASC Service: | Technical Committee Member of ASC2014, ASC2012, ASC2010, ASC2008, ASC2006, ASC2004. |
| Service to Related Conferences: | Chairperson: CCA2010; Program Committee Chair: ISS2014; Symposium Organizer: IUMRS-ICA2014, MRS 2012S, MRS 2008S, 6th PacRim Conf. of ACer; Conference Secretariat: ICEC24-ICMC2012; Chief Program Committee Member: ISS2013, ISS2012, ISS2011; Program Committee Member: MT24, ICEC25-ICMC2014, ISS2010, ISS2009, ISS2008, ISS2007, ISS2005, ISS2003; Int'l Advisory Board: CCA2014, CIMTEC2006. |