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Education

Ph.D. in Applied Plasma Physics, University of Tokyo, 2004.
Master of Science in Applied Plasma Physics, University of Tokyo, 2001.
Bachelor of Engineering in Electrical Engineering, Kyungpook National University, 1998.

Professional Experience

2015-present Senior Research Scientist, Electronic and Photonics Research Institute, AIST.
2017-present Senior Researcher, GaN-OIL, AIST & Nagoya University.
2013-2015 Senior Research Scientist, Energy Technology Research Institute, AIST.
2012-2013 Research Scientist, Energy Technology Research Institute, AIST.
2011-2012 Researcher, Graphene Division Project Headquarter, TASC.
2009-2012 Research Scientist, Nanotube Research Center, AIST.
2007-2009 Research Scientist, Research Center for Advanced Carbon Materials, AIST.
2004-2006 Research Associate, Graduate School of Frontier Sciences, University of Tokyo.

Professional Activity

Dr. Jaeho Kim is a member of the Institute of Electrical Engineers of Japan (IEEJ), the Japan Society of Applied Physics (JSAP), the Materials Research Society of Japan (MRS-J), and the Institute of Electrical Electronics Engineers (IEEE).

2017-present Associate Editor of the Journal of Electrical Engineering & Technology (JEET).
2013-present Co-organizer for the International Symposium, "Frontier of Nano-Materials Based on Advanced Plasma Technologies", Annual Meeting of MRS-J.
2014 Chair of the IEEE Nuclear and Plasma Science Society Japan Chapter.
2013 Vice chair of the IEEE Nuclear and Plasma Science Society Japan Chapter.
2012-2014 Secretary of the Technical Committee on Plasma Science and Technology, the Fundamentals and Materials Society in IEEJ.
2012-2013 Secretary of the Division of Plasma Electronics in JSAP.

Research Interest

His current research interests include the development of advanced plasma sources for the synthesis of carbon materials including graphene, nanocrystalline diamond and CNT, the biological/medical applications using atmospheric pressure plasmas, the development of electric devices based on GaN, and fundamental studies of plasma physics.

Publications and patents 33 papers in major international journals, 3 book chapters, 26 patents granted and 67 patent applications.