

Hiroyasu Tanigawa

Hiroyasu Tanigawa has been the group leader of the Fusion Structural Materials Development Group, Fusion Energy Research and Development Directorate, National Institutes for Quantum and Radiological Science and Technology (QST) since 2005. He is now the deputy director of Blanket Research and Development Division. He received degrees from the University of Tokyo (M.S. in Material Science), and Kyoto University (Ph.D. in Nuclear Power Engineering). He started his career as a post-doctoral researcher at Japan Atomic Energy Research Institute (JAERI) in 1998. He has been dedicated to the



development and characterization of reduced activation ferritic/martensitic steels F82H for fusion reactor in-vessel components, and studied the effects of neutron and high-energy particle irradiation in metals, with emphases on irradiation effects on properties and microstructures of metals and influences of helium on irradiation effects in metals. Recently he extended his research field to the development of design criteria for fusion DEMO in-vessel components.