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Prof. Ho Jin Ryu is an associate professor at Korea Advanced Institute of Science and Technology (KAIST) in the Department of Nuclear and Quantum Engineering, and also in charge of Undergraduate Program of the Department. He earned his Ph.D. in Materials Science and Engineering from KAIST in 2000 and worked at Korea Atomic Energy Research Institute (KAERI) as a senior and principal researcher, before joining KAIST as an associate professor in 2013. He is also a joint professor in Materials Science and Engineering at KAIST.

He performs research on the development of advanced materials for nuclear fuel, radioactive waste management, and nuclear fusion, and is the head of the Nuclear Fuel Materials Laboratory at KAIST. He has written over 114 international journal papers and registered 56 patents. He supervised 23 students including 4 PhD students and 13 MS students. He currently serves the nuclear fuel and materials community as a member of the Korea Nuclear Society, and as a member of the editorial board for the journal *Functional Composite and Structures*, and *Metals and Materials International*.