



In 1996 **Dr. Takaya Mitsui** received a PhD in engineering from the University of Tokyo. The dissertation title was "Dynamic process of X-ray/nuclear resonant scattering from $^{57}\text{FeBO}_3$ crystals under fast magnetic field modulation". He joined the Japan Atomic Energy Research Institute (presently: Japan Atomic Energy Agency) in 1996 and has been working at the National Institutes for Quantum and Radiological Science and Technology since 2016. During this period he has been involved in the development of nuclear resonance scattering apparatus in BL11XU of SPring-8 (Japan). His current interest is to filter highly brilliant iron-57 Mössbauer radiation from synchrotron radiation and apply it to various scientific studies. In 2007, he succeeded in producing Doppler modulated iron-57 synchrotron Mössbauer radiation. Since then, he has been engaged in high pressure experiments with focused Mössbauer radiations and local magnetic analysis of magnetic thin films using total reflection Mössbauer spectroscopy. He is an author and co-author of around 100 publications and a book chapter.