

Keynote Lecturer Biography:



Dr. Satoshi Matsumoto
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Dr. Satoshi Matsumoto is Associate Senior Researcher at Institute of Space and Astronautical Science (ISAS) in Japan Aerospace Exploration Agency (JAXA) and Professor at University of Tsukuba. He received a Doctorate in Mechanical Engineering from Toyo University in 1996. He contributed to space experiments of crystal growth and diffusion phenomena to simulate heat and mass transfer in the melts under the JST and JAXA postdoctoral fellowship from 1996 to 2003. He engaged a project scientist of fluid physics concerning Marangoni convection research since joining National Space Development Agency of Japan (former JAXA) in 2001. He is also responsible for Two Phase Flow experiment onboard the ISS. His current research contribution is a convective instability occurred in thermocapillary flow and a nonlinear dynamics of levitated droplet. He was awarded the Robert T. Knapp Award from American Society of Mechanical Engineers (ASME), and the Space Flight Awareness from National Aeronautics and Space Administration (NASA) in 2008.