

Joint International Workshop of WFF & WFSM 2024

**The 10th Workshop on New Frontiers in Ferroelectrics 2024
& The 8th Workshop on Functional and Smart Materials 2024**

Program

8th March 2024

10:00	Group discussion & Free discussion
12:00	Lunch break
13:00	Hiroshi TAKASHIMA (AIST)
	<i>Opening</i>
13:30	Shintaro YASUI (Tokyo Institute of Technology)
	<i>Novel all solid state batteries through water processing</i>
14:00	Yukiya KASHIWADA (AIST)
	<i>Surface Modification of inorganic nanoparticles via liquid plasma method and its applications</i>
14:30	Hideaki OE (Ritsumeikan University)
	<i>Temperature and wavevector dependences of the second sound in SrTiO₃</i>
15:00	Break
15:30	Hiroki MORIWAKE (JFCC)
	<i>Materials Informatics Based on First-Principles Calculations to Explore Ferroelectrics</i>
16:00	Shinya TSUKADA (Shimane University)
	<i>Structural phase transitions in graded ferroelectrics</i>
16:30	Masaki TAKESADA (Hokkaido University)
	<i>Hyper Rayleigh Scattering Spectra in the Vicinity of Ferroelectric Phase Transition Point</i>
18:00	Banquet

9th March 2024

9:30	Yasuhiro FUJII (Ritsumeikan University) <i>Investigating Anion Exchange Selectivity through Probing Interlayer Molecular Dynamics in Layered Double Hydroxides</i>
10:00	Shinji MIGITA (AIST) <i>Dielectric response character in HfO₂-based ferroelectric thin films</i>
10:30	Hiromu ISHIDA (Ritsumeikan University) <i>Brillouin scattering of multiferroic BiFeO₃</i>
11:00	Kousuke MATSUZAKI (AIST) <i>Development of Isovalent Impurities Doping for Solar Cell Materials</i>
11:30	Hiroshi TAKASHIMA (AIST) <i>Superconducting pastes</i>
12:00	Masaki TAKESADA (Hokkaido University) <i>Closing</i>
12:00	Lunch break
13:30	Group discussion & Free discussion
17:00	

10th March 2024

9:30	Group discussion & Free discussion Excursion
12:00	