

Speakers and Titles

Order	Speaker	Title
0-1	June 9, 8:50 - 9:00	Opening address by President of JSM
1-1	Maureen J. Lagos (McMaster University)	Launching hyperbolic phonon polaritons in twisted bilayers with electrons
1-2	Jane Y. Howe (University of Toronto)	Can We Perform Secondary Electron Imaging in Liquid-Phase SEM? A Monte Carlo Simulation Study
1-3	Katsuaki Nakazawa (NIMS)	Development of 5D-STEM Method for Analyzing Amorphous Materials
1-4	Shumeng Jia (McGill University)	Advancing X-ray Micro-computed Tomography Image Processing of Avian Eggshells: An Improved Registration Metric for Multiscale 3D Images and Resolution-enhanced Segmentation using Edge-attentive Neural Networks
1-5	Daiko Takamatsu (Hitachi, Ltd.)	Visualization of the dynamic relocation of electrocatalysts during H ₂ O/CO ₂ electrolysis using synchrotron X-ray microscopy
2-1	Kiyofumi Takaba (University of Vienna)	An electron diffractometer with the JUNGFRU detector with large scale capacity
2-2	Marek Malac (NRC-Nano, University of Alberta)	NanoMi (ナノ美): Horizontal Column and Scanning Unit Development
2-3	Takuma Toyonaga (Tohoku University)	Cryo-EM Analysis of Chained G ₁ -ATPase, Motor for <i>Mycoplasma</i> Gliding
2-4	Raynald Gauvin (McGill University)	State-of-the-art Analytical Characterization of Lithium with a low Voltage TEM
2-5	Shigeo Mori (Osaka Metropolitan University)	Deterioration Mechanisms due to Exposing to Humidity-Controlled Air in All Solid-State Battery Revealed by TEM
0-2	June 10, 11:30 - 11:40	Closing address by President of MSC