JEOL Battery Characterization Seminar

4th April 2024 - Croissy-sur-Seine - France

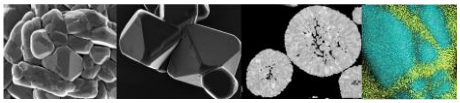
Characterization of batteries and their materials is key for Battery Research and Development. In this seminar, **JEOL, Rigaku, and HORIBA** will introduce several characterization methods.

XRD, Raman & XRF microscope, Electron Microscopes, EDS, Soft X-ray Emission Spectroscopy, and NMR.

Some topics include **in-situ and operando analysis** not yet landed in Europe.

Program:

- Easier workflow for Battery Cross Section Observation and Analysis by **Electron Microscopes**
- Chemical state analysis of Lithium and Si anode by **EDS** and **Soft X-ray Emission Spectroscopy**
- All Solid-State Battery Charge Discharge in-situ analysis by **SEM**, EDS, SXES
- Liquid included Battery Charge Discharge in-situ operando observation by **confocal system**
- Analysis by **NMR** for structure, degradation, and ion dynamics of battery materials
- Characterization of Battery Materials by **X-Ray Diffraction**
- **Raman and X-Ray Fluorescence microscopies**: powerful tools throughout the battery life cycle
- Contamination inspection for safety, high performance battery and high yield rate



Date: 4th April 2024 from 9:30 to 16:00

Place: JEOL (Europe) SAS - 1 Allée de Giverny 78290 Croissy-sur-Seine, France

Registration contact: Nozomi Yasui, yasui@jeol.fr

New registration deadline: 8th March 2024

Attendance fee: None. It is Free of Charge.

Style of event: In-person, onsite event. No online.

JEOL
Battery Characterization Expert
will come from Japan.