

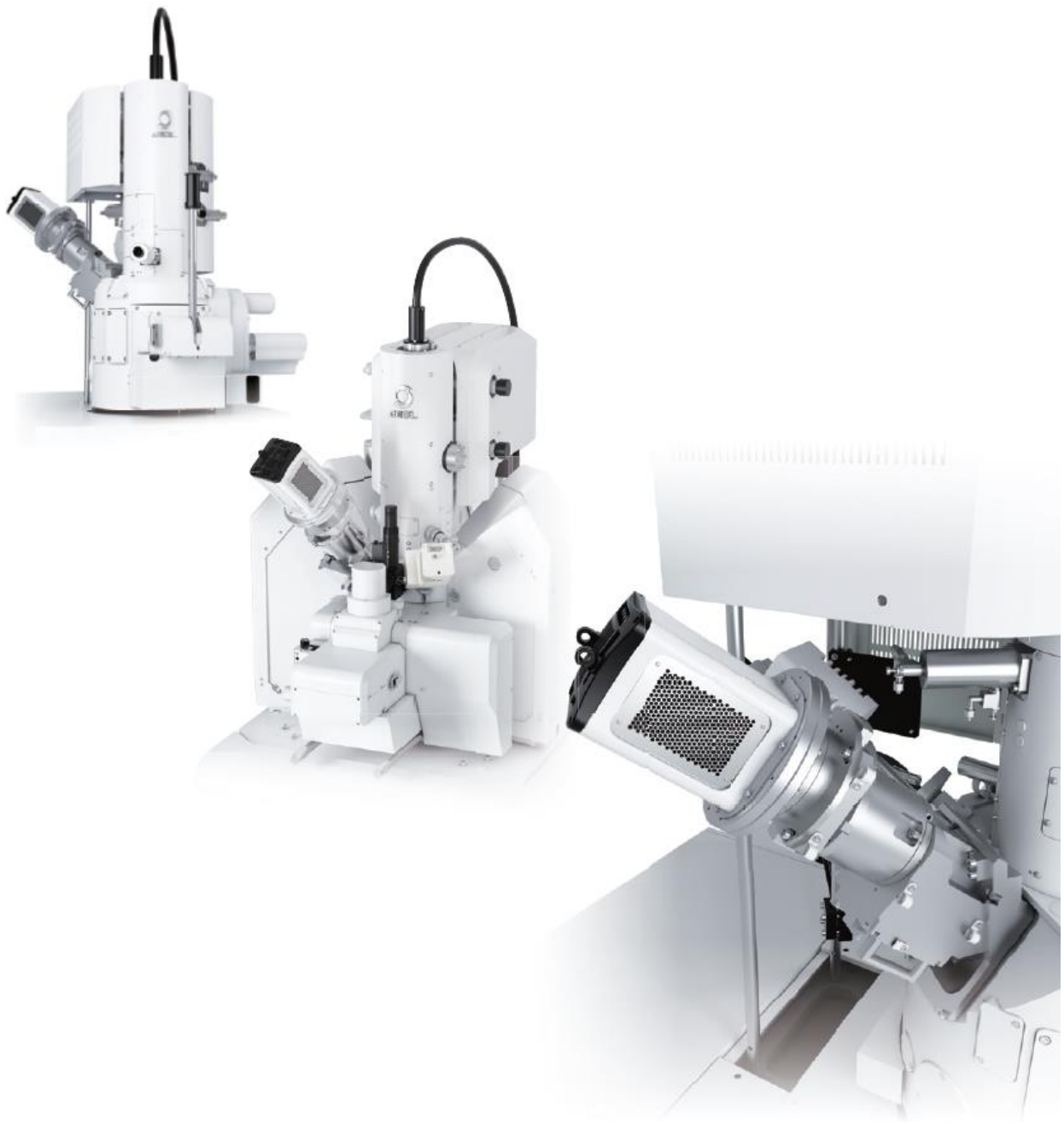
Save the date!!

"International SXES Academia"

Date: 15-16.05.2025 after EMAS

Place: Mataró - Spain

Hybrid Meeting (Onsite/Remote)



Please register by sending email at vip@jeol.fr



Save the date!!

Welcome to our workshop on the Soft X-Ray Emission Spectrometer (SXES) System! Discover how this advanced technology provides precise insights into the chemical bonding state and electronic structure of materials.

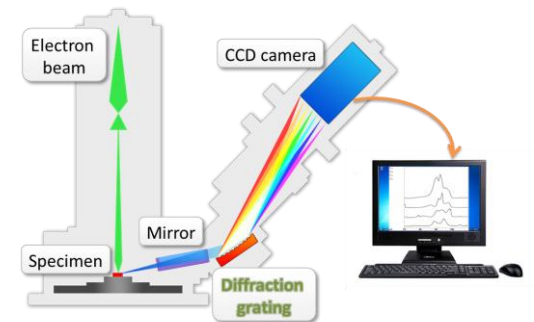
Learn more about the applications and talk directly to the developers and users to clarify your questions and advance your research.

What is SXES:

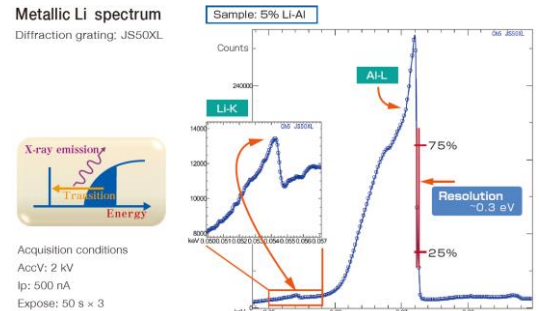
The Soft X-Ray Emission Spectrometer (SXES) is a high energy-resolution spectrometer consisting of a specially designed diffraction grating and a high-sensitivity 2D detector (CCD camera).

In the same way as EDS, parallel detection is possible, and 0.3 eV (Fermi-edge, Al L-emission) high energy-resolution analysis can be performed, surpassing the energy resolution of WDS.

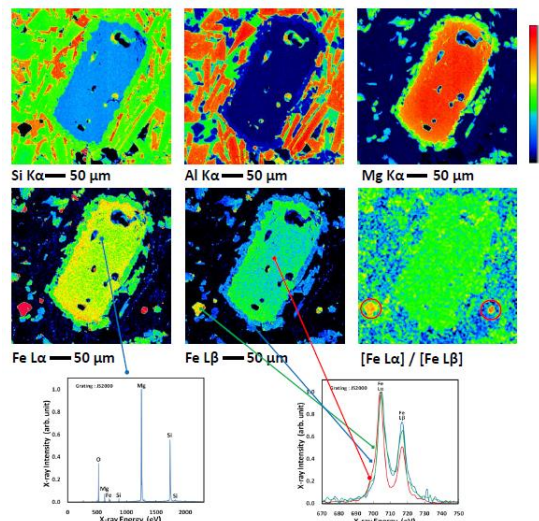
The SXE spectrometer optical system design enables simultaneous measurement of spectra with different energies. With the high energy-resolution, chemical state analysis mapping can be performed.



Metallic Li spectrum
Diffraction grating: JS50XL



Elemental spectral maps and chemical state analysis of Fe L-emission in a basalt mineral



Download



Handbook of
Soft X-ray Emission Spectra

https://www.jeol.com/whitepaper/handbook_soft_xray_php

Schedule:

15.05.2025

13:00-18:00 o'clock (6 Talks)

19:00-22:00 Conference Dinner

16.05.2025

09:00-11:00 clock (3 Talks)

Please register by sending email at vip@jeol.fr

