

## Spectral imaging using EELS and EFTEM workshop

**Date:** Wednesday, October 23, 2024

**Location:** Baylor University Sciences Building, 101 Bagby Ave., Waco, TX 76706

Join Baylor University and Gatan for our upcoming workshop on spectral imaging using electron energy loss spectroscopy (EELS) and energy-filtered transmission electron microscopy (EFTEM).

This workshop will demonstrate how the BioContinuum<sup>®</sup> HD integrated with the Thermo Fisher Scientific Spectra 300C microscope enables an easy and reliable method of characterizing various material systems with EFTEM and STEM spectrum imaging. Participants can choose to attend one of the two sessions outlined below.

Each session includes:

- Lecture on the basic theory of EELS
- Survey of EELS applications
- Live demonstration of how EFTEM and EELS spectrum images are acquired using the Continuum spectrometer with DigitalMicrograph<sup>®</sup> software

The workshop will take place at the Center for Microscopy and Imaging (CMI) at Baylor University in the Baylor Sciences Building (BSB). The lectures will be held in room E234, and the demos will occur in room C155.

### Wednesday, October 23

- Session one: 9 a.m. – 12 p.m.
- Session two: 1 p.m. – 4 p.m.

### Registration

This in-person event is free, but seats are limited to 10 people per session.

Register at [https://www.gatan.com/Spectral\\_Imaging\\_Workshop\\_Oct23](https://www.gatan.com/Spectral_Imaging_Workshop_Oct23) to secure your seat. If you have any questions, please contact Bernd Zechmann ([Bernd\\_Zechmann@baylor.edu](mailto:Bernd_Zechmann@baylor.edu)).

We look forward to seeing you at the workshop!

