

### SC3 – Short Course #3

#### *An Introduction to Electron Microscopy*

Presented by Dr. Peter Eschbach, Oregon State University

<https://emfacility.science.oregonstate.edu/node/Staff>

**Course description:** Participants will learn about the scanning electron microscopy (SEM) and transmission electron microscopy (TEM) in the context of surface science and microfluidics. Emerging separations technologies utilize novel surface chemistries and unique micro- and nanostructures to achieve ambitious analytical goals. SEM and TEM are valuable tools for quantitatively assessing the features and chemistries of separations media and devices. This course will introduce participants to both SEM and TEM.