

FIB-SEM tomography workflow is, in principle, a simple workflow. However, managing accurate high resolution 3D representation of the sample is very complex and many aspects need to be considered to ascertain a true representation of your ROI of the sample.

In this workshop, we will present the ATLAS 3D tomography workflow, based on the image while milling principle. This allows for a very stable and reproducible slice thickness throughout the whole run. It renders possible interleaving EDS and/or EBSD maps to get a more complete understanding of your sample by switching between different SEM conditions while maintaining great general stability.

Two sessions are proposed, one on life science applications and one more dedicated to material science applications with EDS maps acquired automatically.