

Title:

Laser markings for correlative microscopy

Summary:

This workshop will demonstrate how laser markings can be used to identify and label regions of interest prior to volume acquisition in electron microscopy.

Participants will see how precise laser marks help relocate specific areas within large samples.

The session will present:

- The theoretical principle of this approach
- The technical aspects behind this technique: what kind of system and laser are used? How the sample has to be mounted? What power can we send on the sample?, etc...
- Test of laser marking on a sample of interest
- Discussion around the benefits and limitations of this method