

This workshop introduces WEBKNOSSOS as a platform for visualization, annotation, and analysis of large-scale Volume EM datasets. The first part will consist of a presentation and live demonstration covering core functionality, as well as advanced capabilities for registration and segmentation, including recently integrated AI-assisted tools. The second part will be a hands-on session in which participants gain practical experience exploring multi-terabyte datasets, creating and managing annotations, and organizing collaborative data sharing workflows. In addition, we will highlight how WEBKNOSSOS integrates with OME-Zarr-based storage to support scalable and interoperable data management. The workshop is designed for both new users and facility staff seeking practical solutions for high-dimensional EM data handling.