

WORKSHOP #12

Correlating Soft-X ray Tomography with Cryo-Electron Tomography for High Resolution Analysis of Cellular Structure

Stavros Lomvardas (Columbia University) and Carolyn Larabell (University of California-San Francisco)

Start Time (ET)	Title	Speaker (Affiliation)
1:00 pm-1:15pm	Introductory Remarks	Sean McSeeney/Wayne Hendrickson
1:15 pm -2:00 pm	Soft X-ray Tomography: Quantitative Structural Cell Biology	Carolyn Larabell, UCSF
2:00 pm - 2:30pm	Using Cryo-EM towards the understanding of neurodegeneration	Anthony Fitzpatrick, Columbia U
2:30 pm - 3:00pm	Quantitative mapping of cellular structural properties using soft X-ray tomography	Valentina Loconte, UCSF
	BREAK	
3:15 pm - 3:45 pm	Visualizing chromatin compartments with Soft X-ray Tomography	Stavros Lomvardas, Columbia U
3:45 pm - 4:15 pm	Nucleoid remodeling visualized by Soft X-ray Tomography	Michal Hammel, LBNL
4:15-5:00pm	Discussion	Integrating SXT with Cryo-ET