Wednesday, July 2, 2025

BioPhotonics

Bringing Light to the Life Sciences®

WEBINARS

Join us for a FREE Webinar

Autonomous Multiscale Tissue Imaging

Thursday, July 3, 2025 1:00 PM - 2:00 PM EDT

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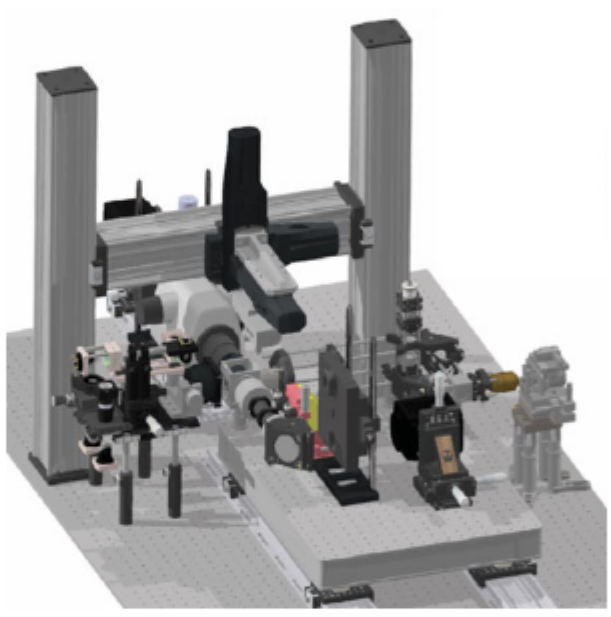
Kevin Dean will highlight the successful application of MCT-ASLM across diverse model systems. By integrating automation, extensive volume coverage, and subcellular resolution, MCT-ASLM opens new avenues for comprehensive tissue analysis. The platform holds immense promise for accelerating discoveries in neuroscience, oncology, and developmental biology, offering new insights into the complexities of biological systems. Multiscale Cleared Tissue Axially Swept Light-Sheet Microscopy (MCT-ASLM) addresses a core challenge in biological imaging: visualizing rare events or structures distributed across large, complex tissues. By combining centimeter-scale fields of view with targeted, high-resolution imaging at ~300 nm, this new microscopy platform enables researchers to examine entire specimens and seamlessly zoom in to investigate finer cellular or subcellular details. Sponsored by Jenoptik.



Upcoming Webinars

- Advancing Raman Spectroscopy by Using Bioresponsive Optical Nanomaterials, 7/8/2025 1:00:00 PM EDT
- Optimization of LED Illumination for Hyperspectral Imaging Applications, 7/9/2025 11:00:00 AM EDT

Archived Webinars

- Practical Aberration Correction Using Freeform Optics — Pushing the Boundaries of Laser System Performance
- Terahertz TDS: The Pulse Driving Industrial Innovation
- Precision at Scale: Modular Microscopy for Prototyping and Discovery

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