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Aivia, the future of AI microscopy

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Abstract

Aivia is the most complete, AI-powered, image visualization and analysis platform available today.

With AI at its core, Aivia bridges the gap between biology and computer science to provide AI access to all and a radically simplified segmentation process. Using Aivia, biologists easily extract insights from large and highly complex images in just minutes.

Aivia covers nearly all applications and is available locally or on the web, giving you total freedom on a single platform.

Live demonstrations with the software will be performed during the workshop.

Video link: <https://youtu.be/RN6RyfYpnSs>

Keywords: AI microscopy, machine learning, deep learning, multi-TB data handling, neuroscience, cell biology, cancer biology, cloud computing, confocal imaging, fluorescence microscopy, electron microscopy, light-sheet microscopy, 3D segmentation, tracking.

