PLANT BIOLOGY / AGRICULTURE

LATSCAN
3D imaging technology
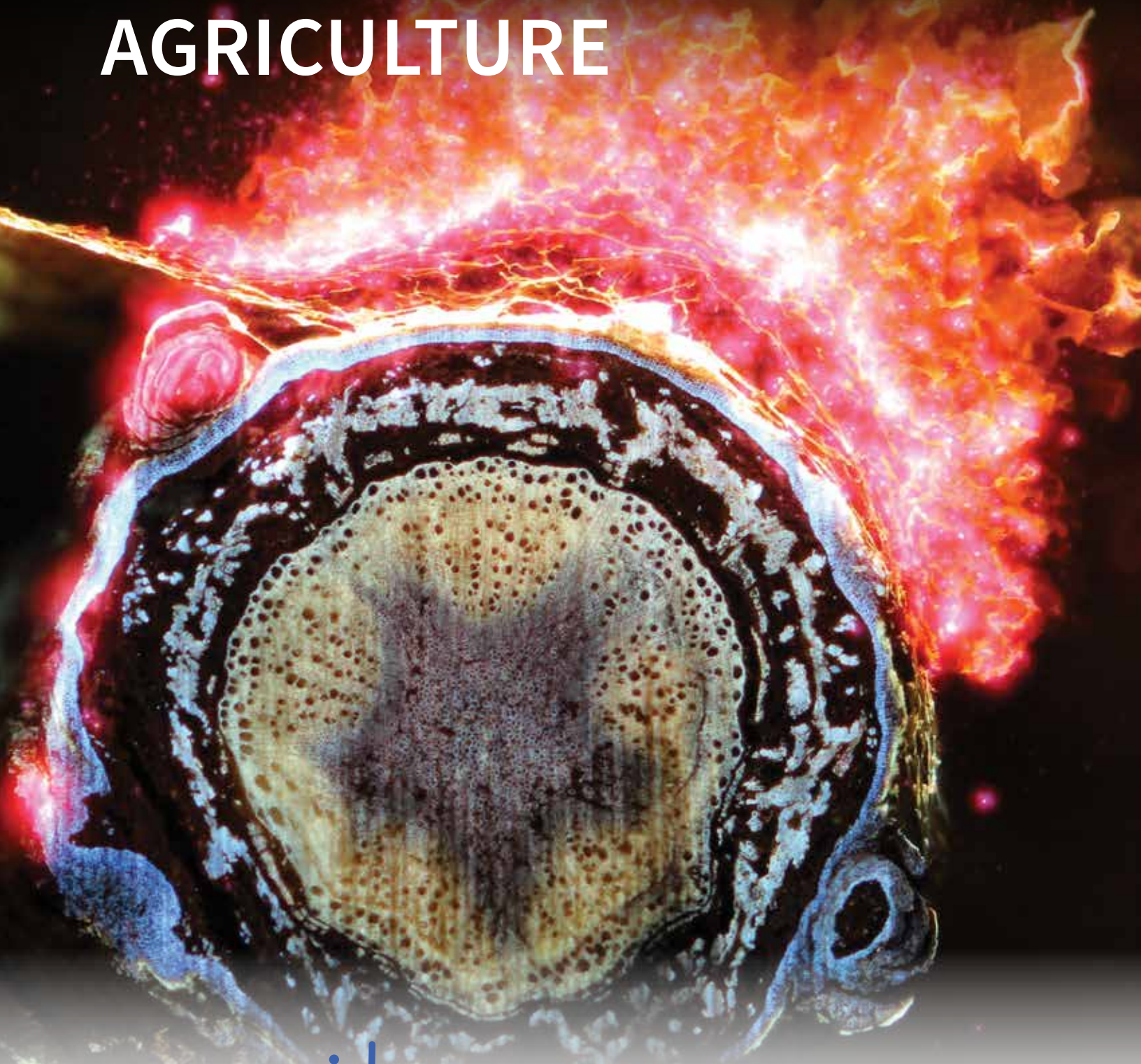
LATscan
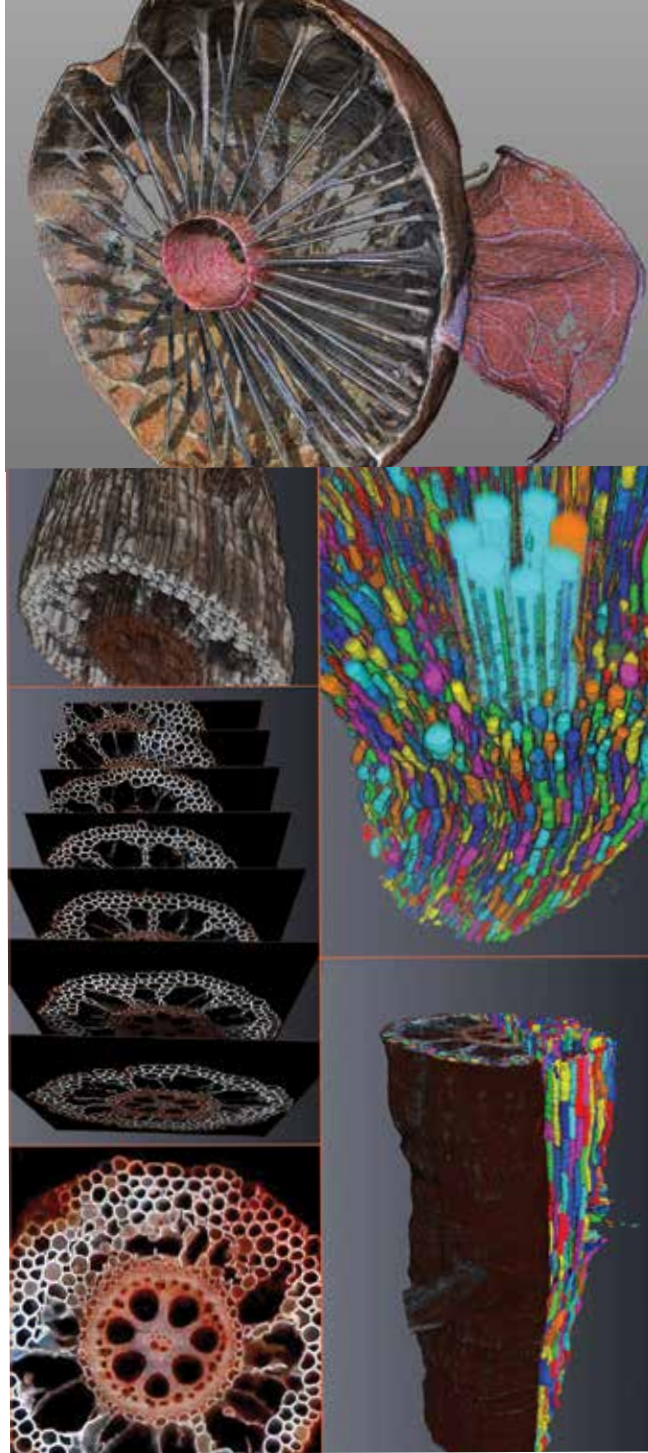## 3D imaging technology

Laser Ablation Tomography (LATscan™)

LATscan™ is a fundamentally new laser-based technology that offers truly game-changing performance in virtually all areas of plant biology. From unprecedented detail, full color volumetric data acquisition, fluorescent composition discrimination, to high-volume automation, data can be acquired with unrivaled speed and precision. LATscan promises to fundamentally improve the quality of your research, whether high-throughput phenotyping or just single sample exploration and discovery.

Equipment Capabilities:
- High Throughput
- Sub-Micron Image Resolution
- Natural Color
- Structural Accuracy
- 3D Imaging
- Volumetric Analysis
- User-defined Segmentation
- Component quantification
- Data Export for Computational Modeling and Analysis
- And Much More

Features
- Geometric and Micro Anatomic Structure Visualization
- Compositional Visualization
- Morphometric Analysis
- Spectral Fluorescent Imaging
- Tomographic Models & Animations
- Sub-Micron Resolution
- Wide Range of Scales: < 1 mm to 25 mm

LATscan.com

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