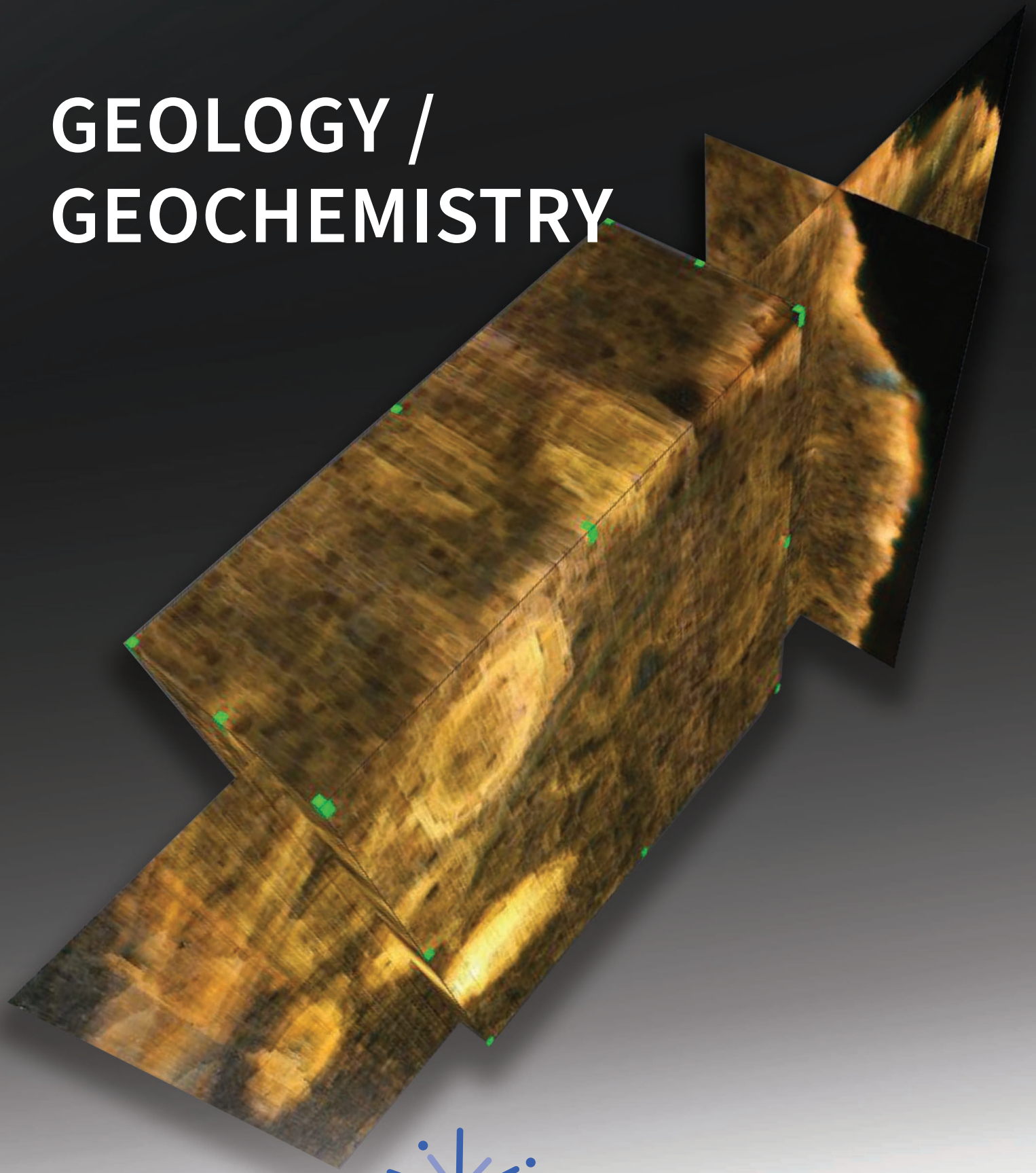



GEOLOGY / GEOCHEMISTRY




LATSCAN
3D imaging technology



Laser Ablation Tomography (LATscan™)

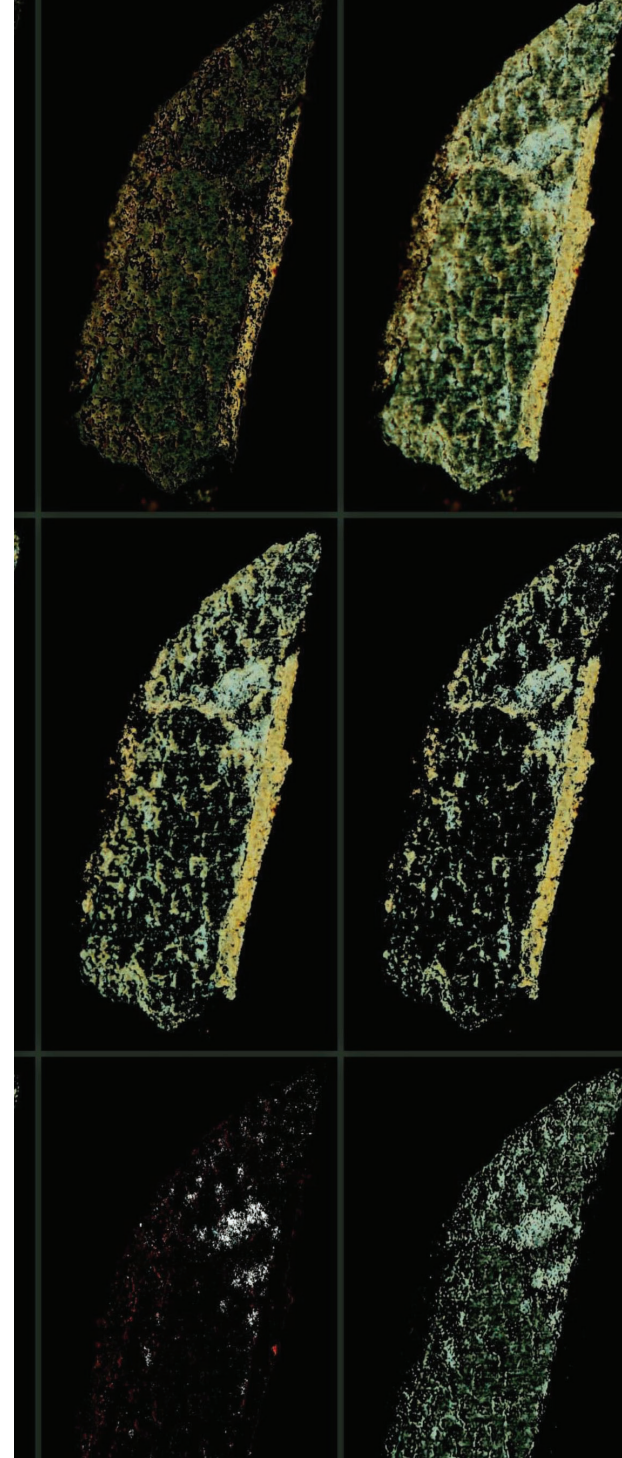
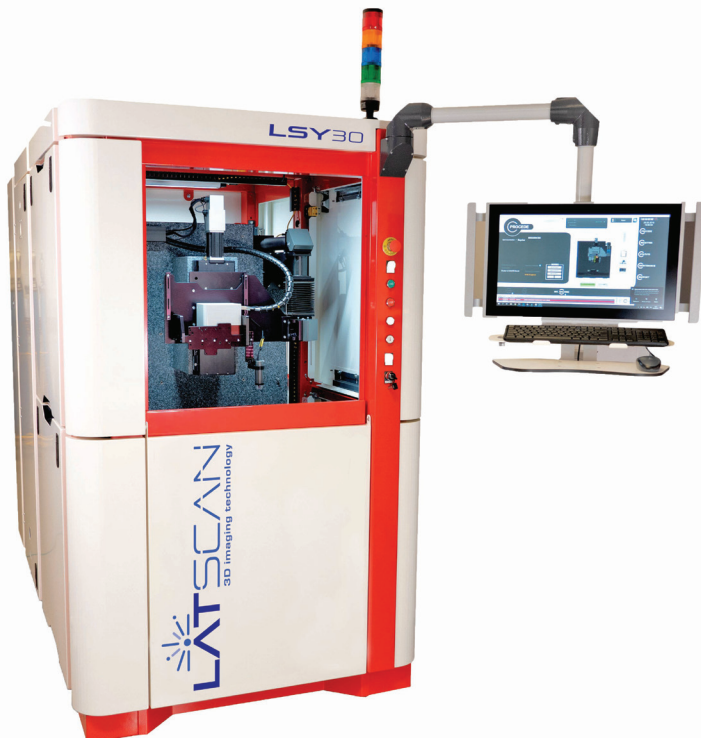
Rocks are hard. LATscan™ can make them easy. A new cutting-edge technology, LATscan can provide unmatched data fidelity and breadth in analyzing various geological sample types. Examples of acquired data can include porosity, permeability, total organic content, and mineral distribution, to name a few. These data can be analyzed, segmented, quantified, and modeled in rich, full color, volumetric datasets unrivaled by any other existing technology.

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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