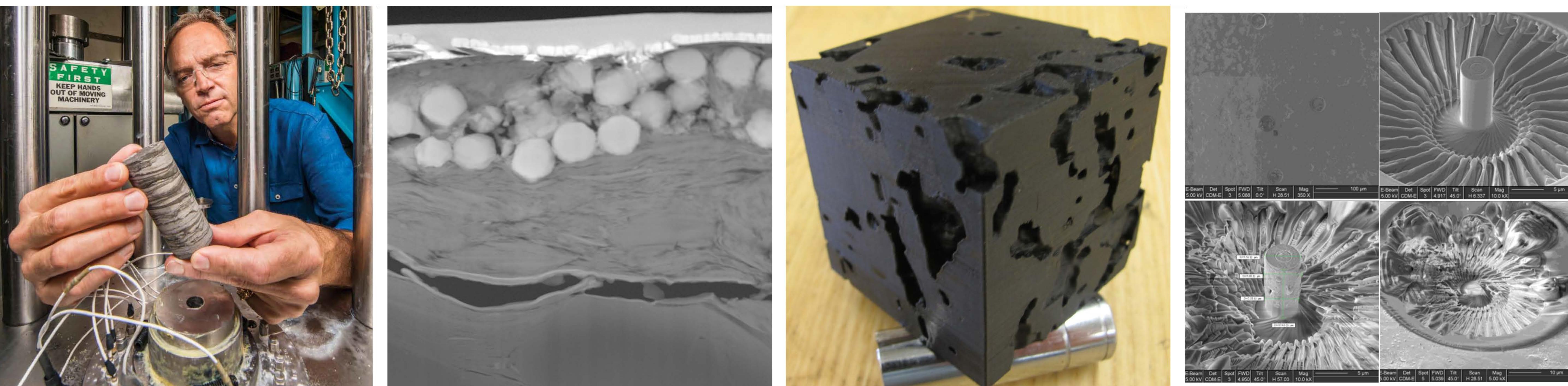


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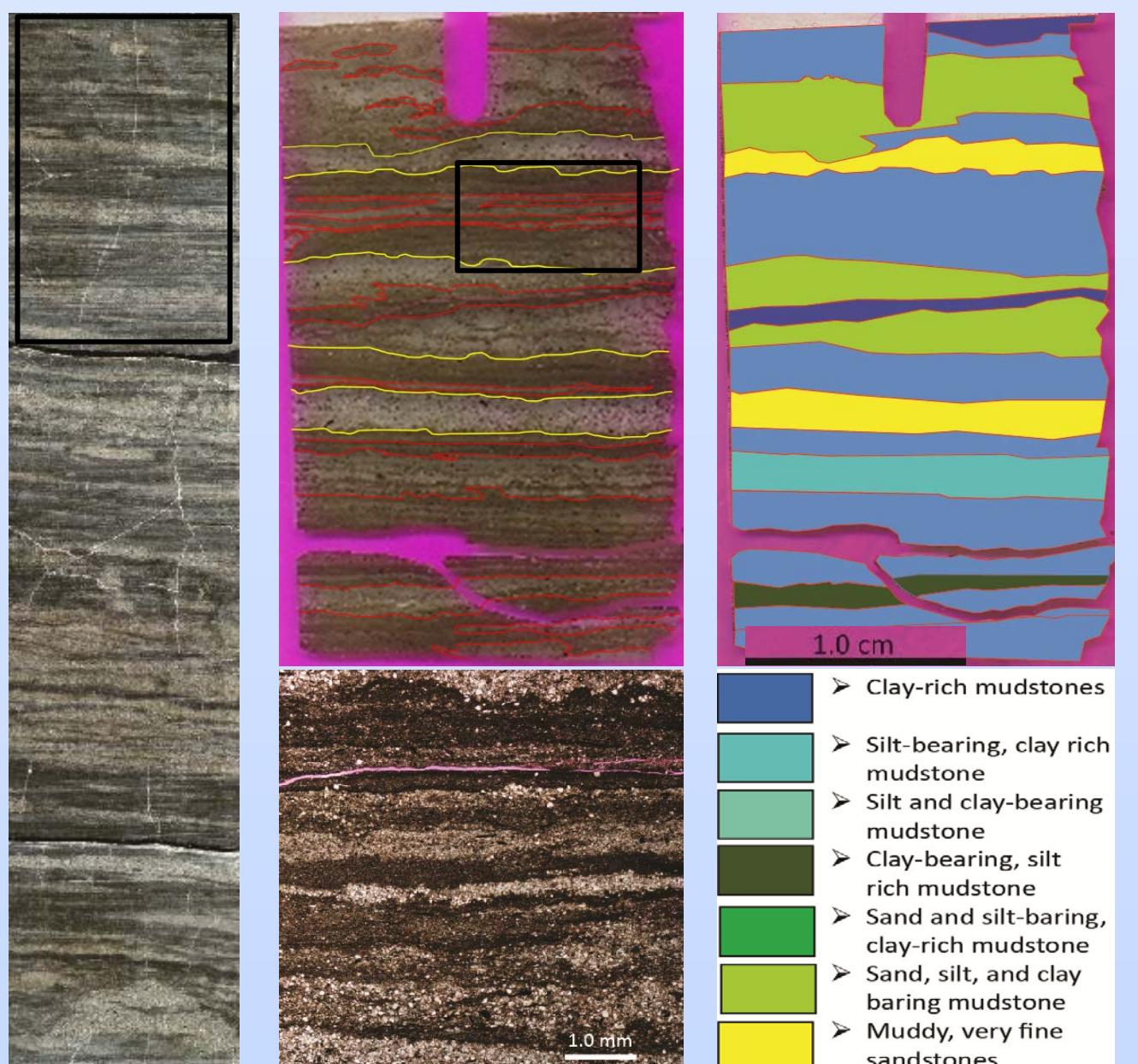


Multi-scale Characterization of Shale and Carbonate Rocks & Digital Rock Physics

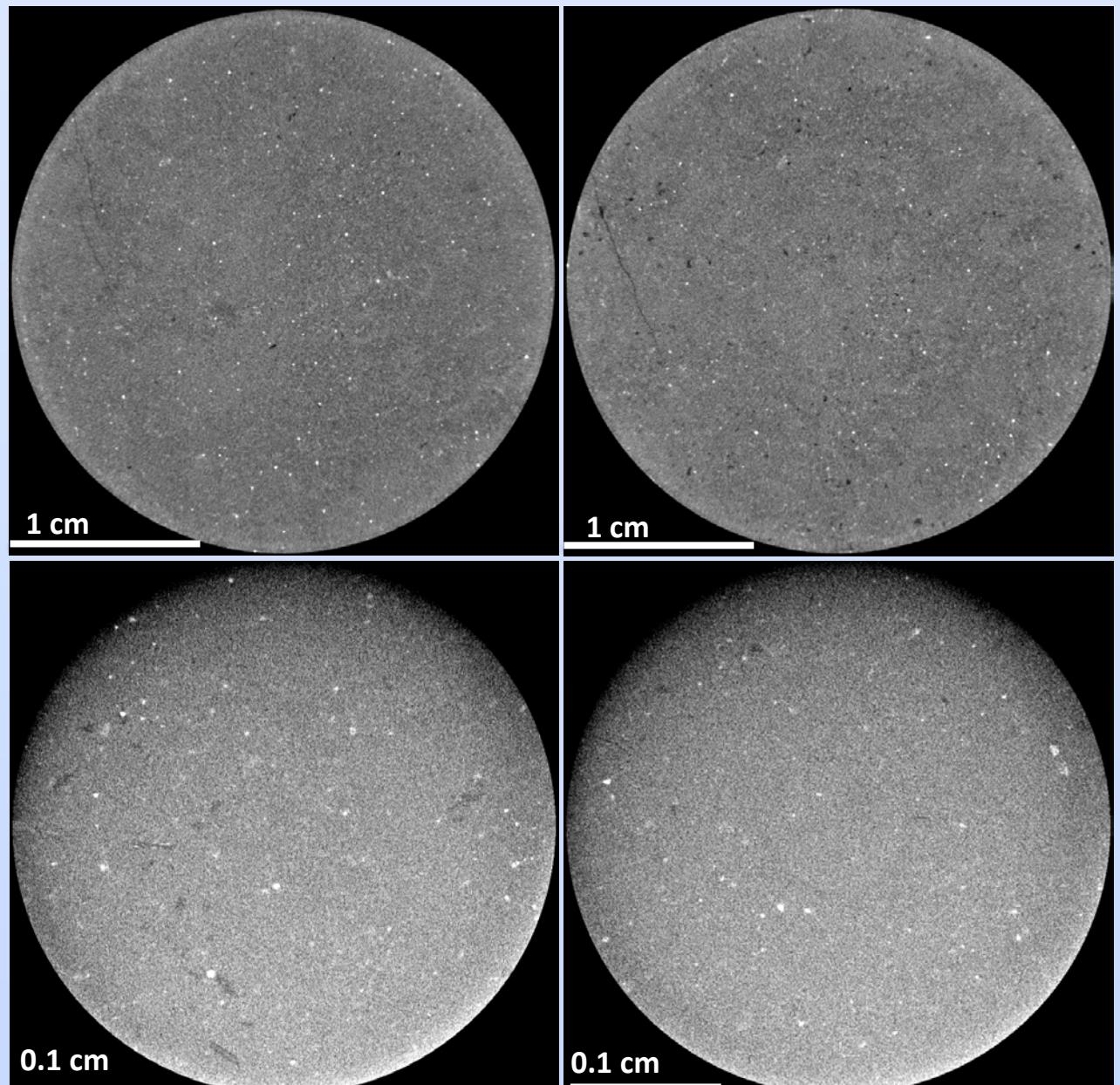
Rock Samples and Multiscale Imaging

Characterization of micro-lithofacies, pore structures, mineralogies, and surface properties of nano-porous geomaterials

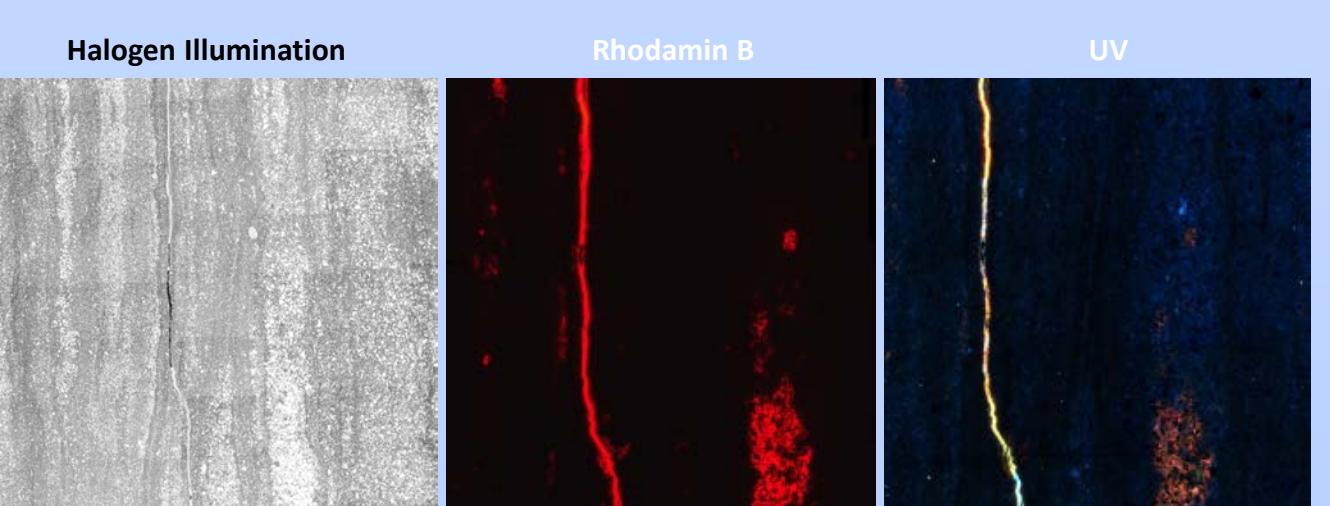
Optical Petrography



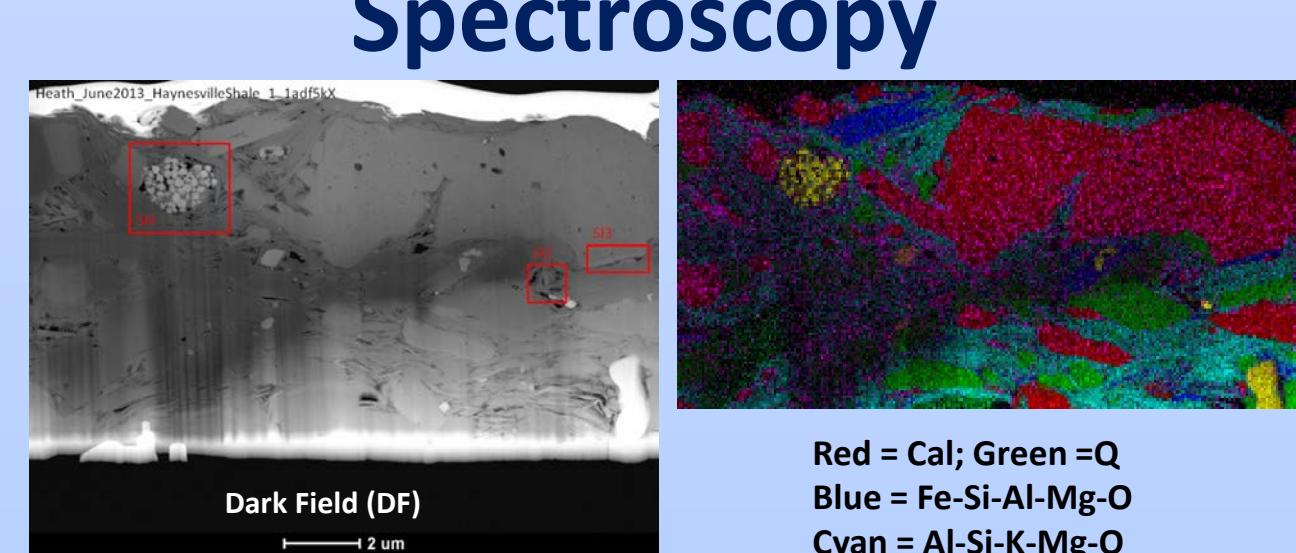
Micro-CT



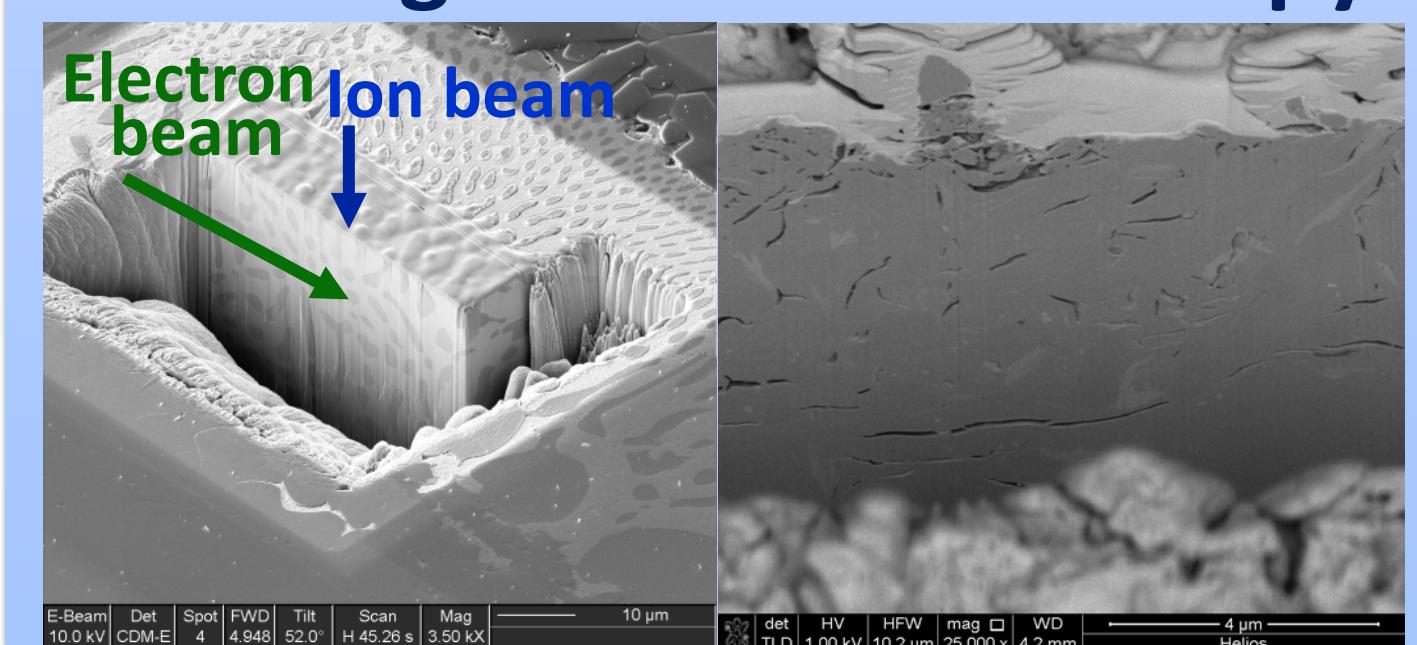
Optical & Confocal Microscopy



STEM-Energy-Dispersive X-ray Spectroscopy

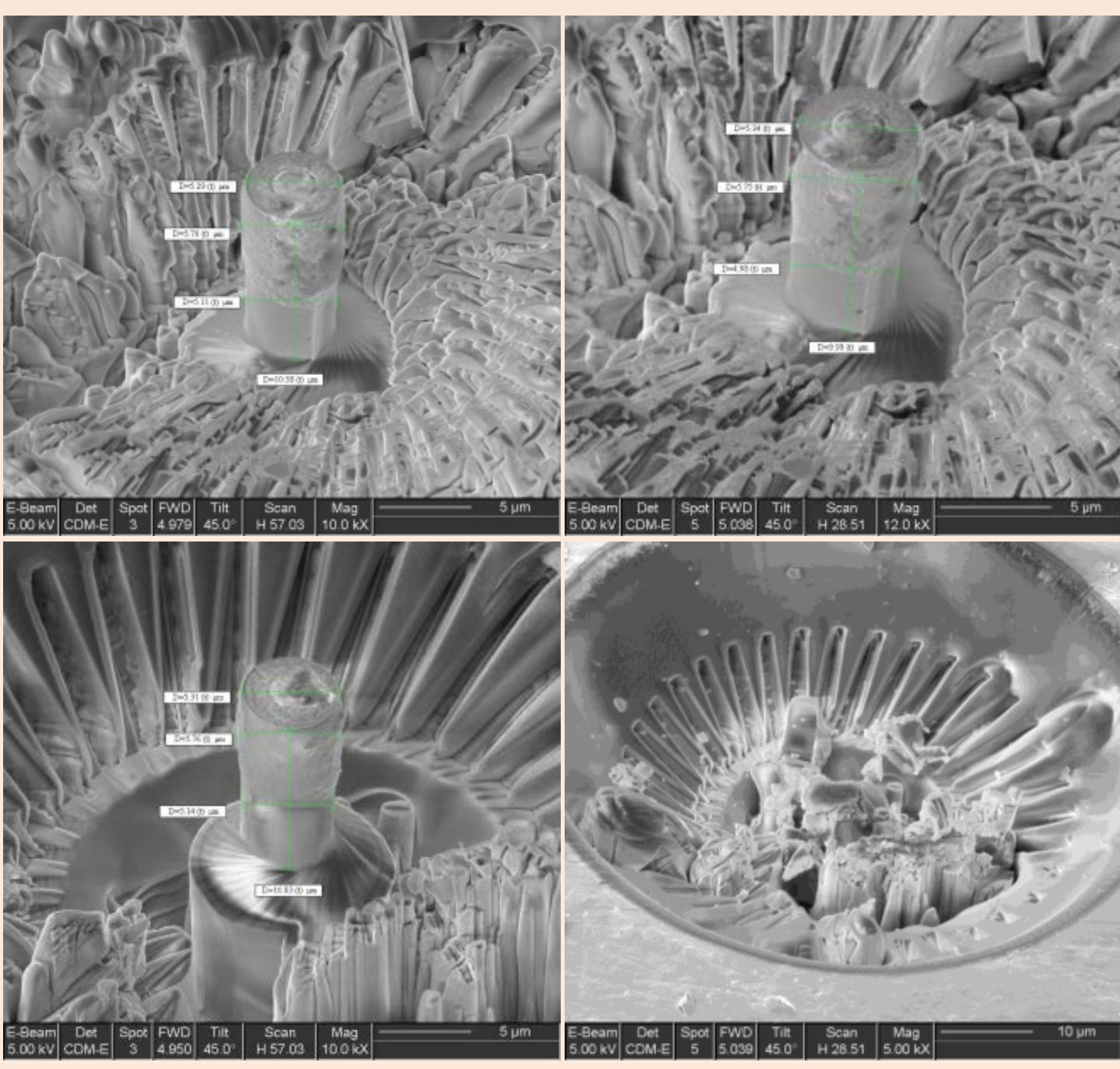


Focused Ion Beam-Scanning Electron Microscopy



Poro-mechanical Testing

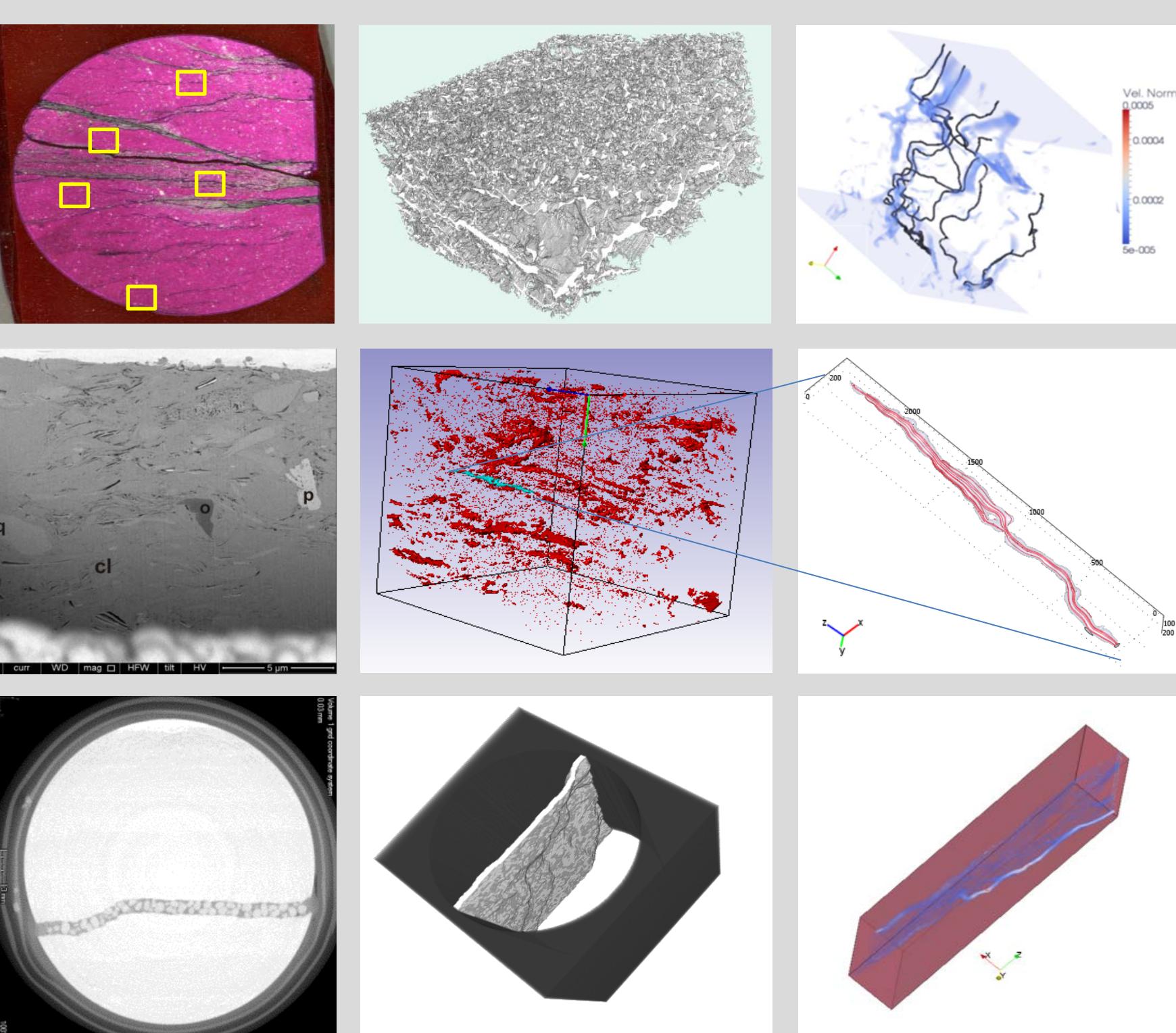
Micropillar Testing



Acoustic/Ultrasonic Measurement



Digital Rock Physics



Carbonate Rock

Shale Rock

Proppants in a Fracture