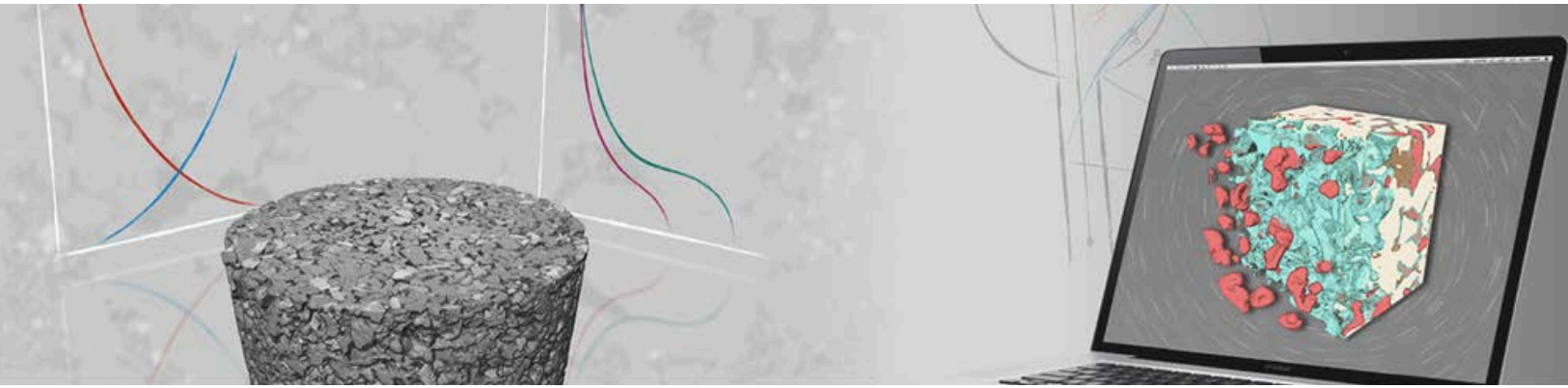


DIGITAL ROCK ANALYSIS



Petricore offers a comprehensive suite of digital rock solutions designed to extract valuable insights on reservoir rock characteristics. Employing state-of-the-art algorithms and solvers, we process digital images of rock microstructures to deliver advanced properties relevant to geology, petrophysics, and reservoir engineering. Our robust workflows incorporate multi-scale and multi-modal 2D and 3D images, to facilitate digital SCAL studies of complex and heterogeneous rock.

✔ Multi-scale Analysis

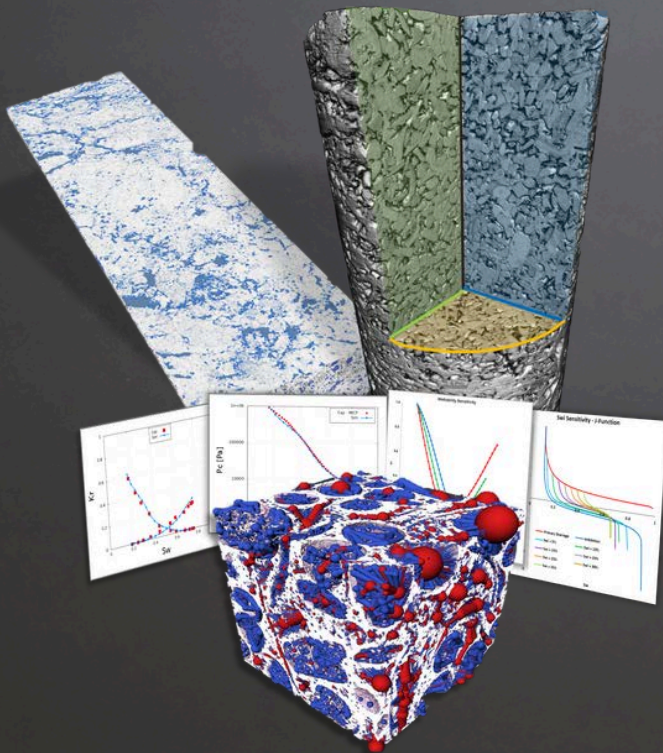
✔ Hybrid Lab/Digital Analyses

✔ 2D to 3D Modeling

✔ Core Plug Scale

✔ Tailored Workflows

✔ Common Rock Model



- Porosity
- Absolute Permeability
- Formation Resistivity Factor
- Capillary Pressure
- Relative Permeability
- Resistivity Index
- Wettability Sensitivity
- Swi Sensitivity



USA
Houston

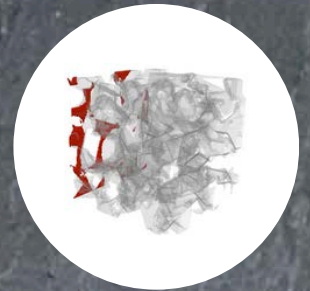
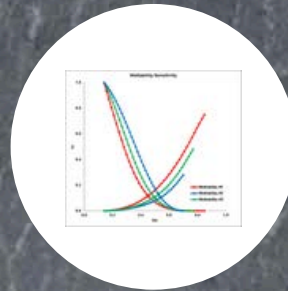
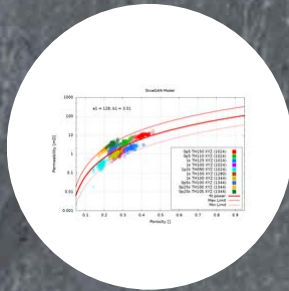
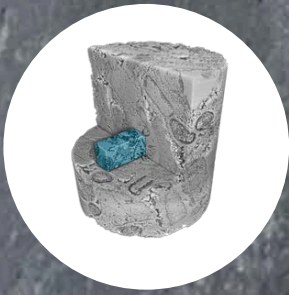
Mexico
Villahermosa

Norway
Trondheim

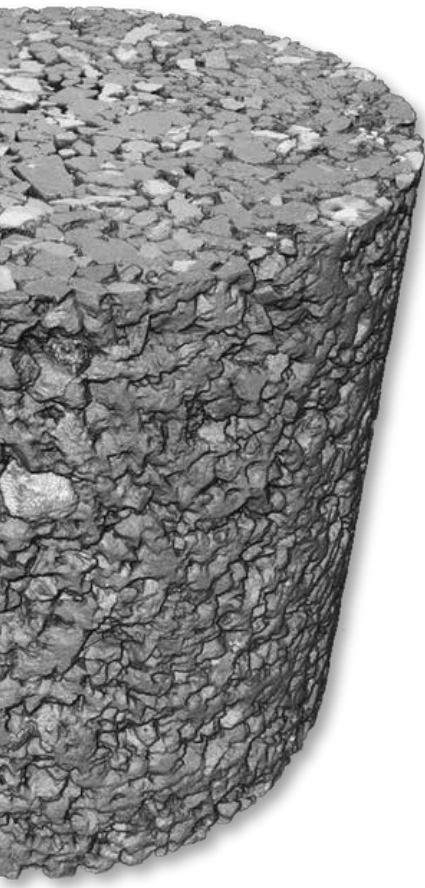
✉ sales@petricore.com 🌐 www.petricore.com



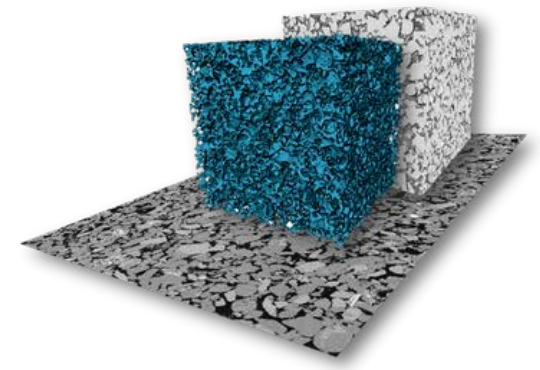
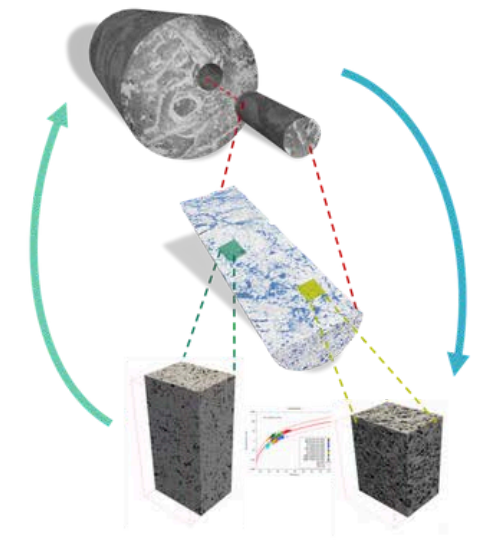
petricore



Digital rock analysis incorporates multi-disciplinary rock characterization on the same sample volume. The flexibility in core material, including fractured core and fragments, enables the calculation of petrophysical properties and simulation of SCAL properties for reservoirs where the core is scarce or challenging. Petricore's digital rock technology is now widely implemented as a standard item in core analysis programs through hybrid studies combining digital and laboratory methodologies.



- ✔ Pore Space Characterization
- ✔ Rock Typing
- ✔ Heterogeneity Analysis
- ✔ Sub-volume Calculations
- ✔ Fluid Distributions
- ✔ 2D/3D Visualization
- ✔ Porosity Profiles
- ✔ 3D Porosity Maps



USA
Houston

Mexico
Villahermosa

Norway
Trondheim

sales@petricore.com www.petricore.com



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