Discover Digital Rock

*Thermo Fisher Scientific (formerly FEI) & Texas A&M University invite you to learn about an emerging discipline in oil and gas exploration & production that delivers greater understanding of reservoir behavior and producibility*

3D Visualization and analysis is an emerging field with applications in:

- Materials Research
- Food Technology
- Biomedical and Life Sciences
- Engineering and Simulation
- Industrial Inspection
- Oil & Gas, Geosciences, Mining

Regarding O&G, digital rock helps E&P operators understand reservoir quality and performance by applying innovative imaging technology and advanced processing & modeling software, to improve reservoir characterization and understand flow capacity – how and if a reservoir’s hydrocarbons can be produced economically.

**PROGRAM**

- Introduction to digital rock and 3D image analysis
- Multi-modal, multi-scale imaging
- Hyperspectral data fusion
- Petrophysical simulations
- Survey of 3D analysis in other fields of research

**LOCATION**

Thursday April 6, 2017
12:00 noon – 1:00 PM
Texas A&M University
Materials Characterization Facility
Giesecke Engineering Research Bldg.
ERB 154

As seats are limited, register by sending an email to Dr. Yordanos Bisrat: ybisrat@tamu.edu

**SPEAKER**

Nicholas Vito holds a Ph.D. in Materials Science where his research focused on characterization of electrochemical devices. With a background in laboratory imaging techniques such as FIBSEM, TEM, and microCT, Nick has supported scientists/engineers across all disciplines identify image analysis solutions to their workflow challenges during his time with Thermo Fisher.