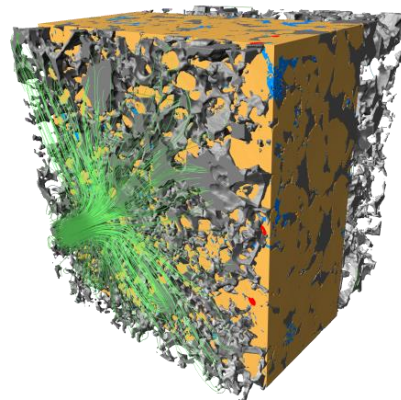


## Discover Digital Rock

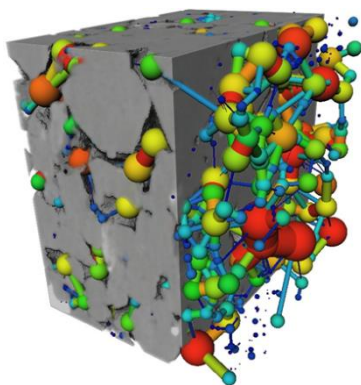
***Thermo Fisher Scientific (formerly FEI) & Texas A&M University invite you to learn about an emerging discipline in oil and gas exploration & production that delivers greater understanding of reservoir behavior and producibility***

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

### 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.



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