



is proud to present

Fundamental Geomechanics from the Wellbore to Reservoir Scale

Instructors: Dr. Michael S. Bruno and Wenli Wang

Location: Bakersfield Marriott at the Convention Center

Date: March 26th, 2019

Topics and Schedule

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| Registration and Continental Breakfast | 7:30 – 8:15 am |
| Introduction and Course Overview | 8:15 – 8:30 am |
| Theoretical Background | 8:30 – 10:30 am |
| <ul style="list-style-type: none">• Fundamentals of Rock Deformation and Stress• Stresses in the Subsurface• Stress changes and deformations induced by drilling and production operations• 1D and 3D Earth Models with Geomechanical Properties | |
| Reservoir Scale Geomechanics I | 10:30 – 12:00 pm |
| <ul style="list-style-type: none">• Compaction, Subsidence, and Well Damage• Faulting, fracturing, and induced seismicity | |
| Lunch Provided | 12:00 – 1:00 pm |
| Reservoir Scale Geomechanics II | 1:00 - 2:30 pm |
| <ul style="list-style-type: none">• Thermal Geomechanics• Caprock Integrity Analysis | |
| Wellbore Scale Geomechanics | 2:30 – 4:30 pm |
| <ul style="list-style-type: none">• Wellbore Stability and Solids Production• Salt Mechanics• Hydraulic Fracture Mechanics and Simulation | |

Cost: \$350/individual , or \$750/company (up to 3 participants)

50% student discount available

Fee includes: course notes, catered lunch and refreshments

Register Online: <http://www.geomechanics-technologies.com/workshop/>

For Questions, Call 626-305-8460 or

Email Nicky Oliver at noliver@geomechanicstech.com