

**NGI Annual Affiliates Meeting and Research Review
8 & 9 November 2017
Tresidder Memorial Union**

DAY 1 – November 8th -- 6:00 Reception and Poster Session

1. Andrew Riscoe - Converting Methane to Methanol with Nature Inspired Materials.
2. Harry Lisabeth - Evolution of fault permeability during shear deformation: effect of adsorbing and non-adsorbing gas flow.
3. Holden Wan Hong Lai - Efficient Synthesis of Functionalized Shape-Persistent Ladder Polymers for Gas Separation.
4. Inessa Yurchenko - Advances in molecular geochemistry: Evidence of oil cracking, evaporation, and several charges of petroleum in the Triassic Shublik Formation of Arctic Alaska
5. Krongrath Suwannasri - The effect of changes in permeability to pore pressure and petroleum migration predictions in BPSM.
6. Laura Dafov - Basin and petroleum system modeling of Terrebonne Basin gas hydrate accumulations, Gulf of Mexico.
7. Lijing Wang - Reconstruction and Forecasting Oil Rates Using Functional Data Analysis and Universal Co-Kriging.
8. Mengfei Yang - The Effect of Fluid Elasticity on the Material Properties of Viscoelastic Suspensions.
9. Ritobrata Sur - Ultra-sensitive laser-based detection of organic and inorganic chemicals in air.
10. Santiago Perez Teuffer Lopez - Mexico solving for global warming with natural gas, setting the bar for other emerging economies.