

2017 ARMA Hydraulic Fracturing Workshop

The ARMA Technical Committee on Hydraulic Fracturing (TCHF) is pleased to announce **the 2nd TCHF Fracturing Workshop to be held in San Francisco on 25 June 2017** in conjunction with the 51st US Rock Mechanics/Geomechanics Symposium. It focuses on the physics revealed in lab and field and the model showcases of capturing them. The morning session will present lab findings, field experiments, diagnostics tests, etc.; the afternoon session will showcase modelling verifications.

We invite the interested persons to participate in the workshop with:

1. Controlled experimental findings from lab or field, including fracture initiation and propagation with near wellbore complexity, multiple fracture interactions, hydraulic fracture/natural fracture interactions, acoustic monitoring, stress measurement through diagnostics, and proppant transport;
2. Basic test cases for model verifications; and
3. Fracturing models to participate in the showcases.

- 1) Controlled experimental findings from lab or field; Some examples include, but not limited to, fracture initiation and propagation with near wellbore complexity, multiple fracture interactions, hydraulic fracture/natural fracture interactions, acoustic monitoring, stress measurement through diagnostics, proppant transport, etc.
- 2) Basic test cases for model verifications; and,
- 3) Fracturing models to participate in the showcases. The modelers can use the test cases provided by the ARMA Hydraulic Fracturing Community (HFC) members or their own. We want to clearly steer away from competition or attempt to demonstrate model superiority and focus on capturing recognized common physics.

Feel free to contact the chairs with your intent to participate: [Drs. Thomas Doe](#) and [Hari Viswanathan](#) for the morning session; [Drs. Mukul Sharma](#) and [Sau-Wai Wong](#) for the afternoon session. The call will close once sufficient experimental test cases have been collected. This also leaves a few months for modelers to simulate (if they want to use contributed HFC test cases specifically).