Title of the Abstract Goes Here

First Author1, Second Author2, and Third Author1

1Department of Mechanical Engineering, The University of Utah, Salt Lake City, UT, USA

2Another Institution, City, State, Country

**Abstract**

This is the abstract body. It should concisely summarize the motivation, methods, results, and signif- icance of your work. Aim for clarity and brevity, typically 150-300 words depending on the conference requirements. Avoid using citations or overly detailed technical jargon. One figure can also be added if needed.

**Keywords:** Poromechanics, Multiphysics Modeling, Fracture, In-Situ Imaging, Subsurface, Biomechanics