



## Open Meeting of Working Group Regional Earthquake Hazards

November 3, 2002 (2:00 - 4:30 pm)

Location: TBD (TACC)

Working Group Lead: Greg Deierlein

**Purpose:** Engage current and potential future users of SimCenter tools in a discussion on priorities, needs and opportunities to best support their research through shared computational research infrastructure. Participants are encouraged to come prepared to share ideas and insights from their past, current and future research.

### AGENDA

2:00 - 2:15 pm	Introduction to the Working Group & Overview of SimCenter Earthquake Simulation Tools
2:15 - 2:45 pm	Discussion Segment 1: Most Compelling Research Questions and Challenges for Regional Earthquake Hazards <ul style="list-style-type: none"><li>• Calibration and Surrogate Models</li><li>• Damage and Loss Models</li><li>• Transportation and Infrastructure Systems</li><li>• Socio-Economic and Recovery</li><li>• Asset Inventory Development</li><li>• EQ Hazard Characterization and Input</li></ul>
2:45 - 3:15 pm	Discussion Segment 2: Computational Simulation Tool Needs <ul style="list-style-type: none"><li>• Local (quoFEM, EE-UQ, pelicun, PBE)</li><li>• Regional (brails/inventory, pelicun, R2D, links/API to hazard &amp; recovery )</li></ul>
3:15 - 3:45 pm	Discussion Segment 3: Education uses of SimCenter Tools <ul style="list-style-type: none"><li>• Structural Engineering (NL analysis, EQ engineering, etc.)</li><li>• Geotechnical Engineering</li><li>• Other (Socio-economic, Statistics, etc.)</li></ul>
3:45 - 4:15 pm	Prioritization Exercise & Action Plan
4:15 - 4:30 pm	Closing & Gratitude <ul style="list-style-type: none"><li>• Next Steps</li><li>• Getting involved</li></ul>