INVITATION TO GOLDEN

The American Rock Mechanics Association invites you to its 58th U.S. Rock Mechanics / Geomechanics Symposium in Golden, Colorado, on 23-26 June 2024. The technical program will focus on advances and innovative applied research in rock mechanics and geomechanics. Technical tours and field trips are planned. Short courses and workshops will be held prior to the symposium. Details will be provided on the symposium website as they become available.

https://golden2024.armarocks.org

The symposium will be hosted by Colorado School of Mines in Golden, Colorado. A block of hotel rooms has been reserved for symposium attendees at the Marriott Denver West, which has made its rooms available to symposium delegates at a highly favorable rate.

Golden is located at the foothills of the Rocky Mountains with unique activities and destinations for visitors. Lookout Mountain, Mines Geology Museum, Edgar Experimental Mine, Clear Creek Whitewater Kayaking Park, Table Mountain hiking trail, Red Rock Amphitheater are a few of the beautiful sites to visit.

Subject areas

This symposium encompasses all aspects of rock mechanics, geomechanics, and rock engineering. We invite scientific and engineering papers in seven major tracks:

- Civil
- Mining
- Geothermal
- Interdisciplinary
- Petroleum - Conventional
- Petroleum - Unconventional
- Storage & Sequestration

Topics of interest include:
- Geomechanics in cultural heritage
- Tunneling and underground infrastructure
- Slope stability, dams, and foundations
- Geohazards: risk assessment and mitigation
- Innovative laboratory and field testing
- Discrete fracture systems
- Numerical modeling of geostructures
- Mine-scale numerical modeling
- Induced seismicity and rockbursting
- Ground control in mining
- Geomechanics and geothermal resources
- AI and data science in geomechanics
- Imaging technologies, non-destructive testing
- Relating geology and geomechanics
- Coupled processes in geomechanics
- Visualization, AR, and VR in geomechanics
- Uncertainty assessment and management
- Unconventional resources in geomechanics
- Reservoir characterization and simulation
- Drilling mechanics and engineering
- Underground storage and sequestration
- Hydraulic fracturing

CALL FOR ABSTRACTS

Abstracts in English, up to 500 words, can be submitted online at:

https://golden2024.armarocks.org/authors

Abstracts should include a brief description of the work performed, results, and significance. Figures may be included to explain the abstract. All abstracts will be peer-reviewed by experts in the respective subject areas through an online process.

Important deadlines

Abstract submission – Extended to 15 November 2023
Notification to authors – 8 January 2024
Paper submission – 23 February 2024

Professional Development Hours (PDH) will be available for the symposium.