1. THM / thermo-hydro-mechanische Modellierung

- **THMC Modeling of Mechanical and Hydraulic Property Evolution Driven by Geochemical Reactions in Utah FORGE EGS Reservoir** — DOI: 10.56952/ARMA-2026-0637 (60th_Rock_Mech_symp, 2026)(p2)
- **Enhanced Coupled THMC Processes using DeepONet-Integrated Finite Element Neural Networks (IFENN)** — DOI: 10.56952/ARMA-2026-0160 (60th_Rock_Mech_symp, 2026)(p8)
- **Thermo-hydro-mechanical modeling of induced fracture propagation in complex carbonate reservoirs** — DOI: 10.56952/ARMA-2026-0313 (60th_Rock_Mech_symp, 2026)(p8)
- **Coupled Fluid-Flow and Geomechanics Modeling for Enhanced Geothermal Systems** — DOI: 10.56952/ARMA-2026-0164 (60th_Rock_Mech_symp, 2026)(p15)
- **Coupled Chemo-Thermo-Hydro-Mechanical Modeling: Mechanical Weakening and Stiffening Induced by Rock-Fluid Chemical Reactions** — DOI: 10.56952/ARMA-2026-0584 (60th_Rock_Mech_symp, 2026)(p16)
- **Simulating Thermal Short-Circuiting in EGS: A Coupled Thermo-Hydro-Mechanical-Wellbore Approach** — DOI: 10.56952/ARMA-2026-0598 (60th_Rock_Mech_symp, 2026)(p16)
- **Thermo-Hydro-Mechanical modeling of annular pressure buildup in exposed salt formations** — DOI: 10.56952/ARMA-2026-0163 (60th_Rock_Mech_symp, 2026)(p16)
- **Thermo-Hydro-Mechanical Modeling of Creep Phase of Landslides** — DOI: 10.56952/ARMA-2026-0240 (60th_Rock_Mech_symp, 2026)(p24)

2. Stofftransport

Hier wurden Abstracts aufgenommen, deren Titel ausdrücklich Transport, Tracer, Stoffkonzentration, chemische Reaktionen oder den Transport von Gasen und gelösten Stoffen nennen.

- **Analytical Modeling of a Negative Sorbing Tracer Pulse Test with Significant Background Concentration at the Utah FORGE Geothermal Site** — DOI: 10.56952/ARMA-2026-0386 (60th_Rock_Mech_symp, 2026)(p2)
- **THMC Modeling of Mechanical and Hydraulic Property Evolution Driven by Geochemical Reactions in Utah FORGE EGS Reservoir** — DOI: 10.56952/ARMA-2026-0637 (60th_Rock_Mech_symp, 2026)(p2)
- **Coupled Chemo-Thermo-Hydro-Mechanical Modeling: Mechanical Weakening and Stiffening Induced by Rock-Fluid Chemical Reactions** — DOI: 10.56952/ARMA-2026-0584 (60th_Rock_Mech_symp, 2026)(p16)
- **Transient Behavior in Nonlinear Compressible Gas Flow: Implications for Sand Production** — DOI: 10.56952/ARMA-2026-0378 (60th_Rock_Mech_symp, 2026)(p16)
- **Microscale Investigation of Pore-Throat Structure and CO_2 Occurrence During Miscible CO_2 Flooding and Subsequent Water Flooding** — DOI: 10.56952/ARMA-2026-0261 (60th_Rock_Mech_symp, 2026)(p22)
- **Transport mechanisms of rare earth elements in subsurface: the role of complexation and mineral saturation** — DOI: 10.56952/ARMA-2026-0398 (60th_Rock_Mech_symp, 2026)(p24)
- **In Situ Shearing Experiments Reveal How Fractures Enhance and Sustain Carbon Mineralization in Altered Peridotite** — DOI: 10.56952/ARMA-2026-0720 (60th_Rock_Mech_symp, 2026)(p33)

3. Wärmetransport und Wärmeübertragung

- **Influence of Working Fluid Selection on Geothermal Heat Extraction Efficiency: A Thermal Reservoir Simulation Study** — DOI: 10.56952/ARMA-2026-0204 (60th_Rock_Mech_symp, 2026)(p13)
- **Simulating Thermal Short-Circuiting in EGS: A Coupled Thermo-Hydro-Mechanical-Wellbore Approach** — DOI: 10.56952/ARMA-2026-0598 (60th_Rock_Mech_symp, 2026)(p16)
- **Flow and Heat Transfer of Supercritical CO_2 in 3D U-shaped Wells** — DOI: 10.56952/ARMA-2026-0114 (60th_Rock_Mech_symp, 2026)(p22)

- **Periodic Flow-Direction Reversal in Enhanced Geothermal Systems: Effects on Cold-Front Evolution and Heat Sweep** — DOI: 10.56952/ARMA-2026-0713 (60th_Rock_Mech_symp, 2026)(p24)
- **Characterization of Thermal Volumetric Response of Dense Bentonite under Elevated Temperatures** — DOI: 10.56952/ARMA-2026-0486 (60th_Rock_Mech_symp, 2026)(p33)

Mit Wärme, aber primär mit thermisch induzierter Mechanik, befassen sich außerdem:

- **Thermal Stress Effects on Rock Failure and Wellbore Stability in High-Temperature Drilling: A Critical Review** — DOI: 10.56952/ARMA-2026-0282 (60th_Rock_Mech_symp, 2026)(p13)
- **Effect of Pre-Existing Stress Field on the Full-Field Thermo-Mechanical Response of Jalore Granite** — DOI: 10.56952/ARMA-2026-0208 (60th_Rock_Mech_symp, 2026)(p13)

4. Bodenmechanik und bodenähnliche Materialien

Die PDF verwendet überwiegend den Begriff **Rock Mechanics**. Im engeren Sinn der Bodenmechanik sind daher vor allem Beiträge zu **Lehm, Ton, Bentonit, Hangbewegungen, Konsolidierung und anisotropen Böden** relevant.

- **Investigation of Hydro-Mechanical Response and Self-Sealing Behavior of Shear Fractures in Clay-Rich Mudrock** — DOI: 10.56952/ARMA-2026-0691 (60th_Rock_Mech_symp, 2026)(p15)
- **Thermo-Hydro-Mechanical Modeling of Creep Phase of Landslides** — DOI: 10.56952/ARMA-2026-0240 (60th_Rock_Mech_symp, 2026)(p24)
- **A smoothed Mohr-Coulomb-Rankine model for anisotropic clays based on microstructure tensor approach** — DOI: 10.56952/ARMA-2026-0748 (60th_Rock_Mech_symp, 2026)(p33)
- **Characterization of Thermal Volumetric Response of Dense Bentonite under Elevated Temperatures** — DOI: 10.56952/ARMA-2026-0486 (60th_Rock_Mech_symp, 2026)(p33)
- **Intermediate Scale Oedometer Design for Consolidation of Rock Salt Rubble** — DOI: 10.56952/ARMA-2026-0666 (60th_Rock_Mech_symp, 2026)(p15)
- **Predictive Assessment of Roof Fall Risk in Mechanised Depillaring Workings Using Continuous Miner Technology** — DOI: 10.56952/ARMA-2026-0369 (60th_Rock_Mech_symp, 2026)(p8)
- **Pragmatic Design Approach to Patterned Artificial Support for Rock Slopes** — DOI: 10.56952/ARMA-2026-0659 (60th_Rock_Mech_symp, 2026)(p8)