1. Direkte Beiträge zu Bohrlochmechanik und Bohrlochintegrität

- **Coupled Poro–Mechanical Modeling of Drilling and Cementing: Implications for Wellbore Integrity** — DOI: 10.56952/ARMA-2026-0289 (60th_Rock_Mech_symp, 2026)(p3)
- **Two Educational Kick-Circulation Exercises for Dynamic Borehole-Integrity Management in Offshore Wells with Subsea Stacks** — DOI: 10.56952/ARMA-2026-0727 (60th_Rock_Mech_symp, 2026)(p3)
- **Wellbore Stability Geomechanics in Depleting Coal Reservoirs** — DOI: 10.56952/ARMA-2026-0450 (60th_Rock_Mech_symp, 2026)(p3)
- **Coupled Geomechanics and Hole-Cleaning Surveillance for Forward and Inverse Modeling and Quantifying Borehole Breakouts** — DOI: 10.56952/ARMA-2026-0294 (60th_Rock_Mech_symp, 2026)(p6)
- **Self-Healing with Permeability Restoration by Alkali-Activated Geopolymers for Enhanced Well Integrity** — DOI: 10.56952/ARMA-2026-0340 (60th_Rock_Mech_symp, 2026)(p6)
- **Multiscale Assessment of Wellbore Cement Integrity in Underground Hydrogen Storage** — DOI: 10.56952/ARMA-2026-0228 (60th_Rock_Mech_symp, 2026)(p9)
- **The Influence of Stress Unloading in Near-Wellbore Formations on Wellbore Stability** — DOI: 10.56952/ARMA-2026-0219 (60th_Rock_Mech_symp, 2026)(p44)
- **A New Failure Criterion for Predicting Well Integrity in Conventional and Unconventional Reservoirs** — DOI: 10.56952/ARMA-2026-0434 (60th_Rock_Mech_symp, 2026)(p45)

2. Bohren, Bohrlochdruck und Bohrlochüberwachung

- **Impact of Natural Fractures on Safe Drilling Mud Weights** — DOI: 10.56952/ARMA-2026-0022 (60th_Rock_Mech_symp, 2026)(p3)
- **Fluid-Driven Fracture Initiation from Perforated Horizontal Wells: The Effects of Perforation Geometry and Other Influencers** — DOI: 10.56952/ARMA-2026-0721 (60th_Rock_Mech_symp, 2026)(p6)
- **Challenges and Lessons Learned during Drilling through Mg-rich Clay Carbonate Rocks from Brazilian Pre-salt** — DOI: 10.56952/ARMA-2026-0554 (60th_Rock_Mech_symp, 2026)(p19)
- **In-Situ Rock Characterization and Stress Measurements: A Test Well Case Study in Stillwater, Oklahoma** — DOI: 10.56952/ARMA-2026-0414 (60th_Rock_Mech_symp, 2026)(p19)
- **Assessment Criteria of Drilling Performance Using Rate-Energy Ratio for Rock Percussive-Rotary Drilling** — DOI: 10.56952/ARMA-2026-0021 (60th_Rock_Mech_symp, 2026)(p43)
- **Evaluation of Formation Pore Pressure of Exploratory Well Based on Cuttings Testing and Analysis While Drilling** — DOI: 10.56952/ARMA-2026-0072 (60th_Rock_Mech_symp, 2026)(p43)
- **A Transient Surge/Swab Model Validated with High-Resolution Downhole Microchip Data** — DOI: 10.56952/ARMA-2026-0101 (60th_Rock_Mech_symp, 2026)(p43)
- **An Intelligent Drilling Advisory and Control System Based on Digital Twin and AI Technologies** — DOI: 10.56952/ARMA-2026-0156 (60th_Rock_Mech_symp, 2026)(p44)
- **Real-time Drilling Bit Status Evaluation with High-frequency Drilling Vibration Analysis** — DOI: 10.56952/ARMA-2026-0184 (60th_Rock_Mech_symp, 2026)(p44)
- **The Optimization Design Method for Blowout Preventer Selection in Ultra-High Pressure Wells Based on Multi-Field Coupling** — DOI: 10.56952/ARMA-2026-0190 (60th_Rock_Mech_symp, 2026)(p44)
- **Integrated Drilling Acceleration Technologies for Deviation-Prone Formations, Penglai Gas Field** — DOI: 10.56952/ARMA-2026-0206 (60th_Rock_Mech_symp, 2026)(p44)
- **Integrating Cuttings-Transport Effects into Geomechanical Modeling to Enhance Wellbore Stability Predictions: A Case Study from the East China Sea** — DOI: 10.56952/ARMA-2026-0217 (60th_Rock_Mech_symp, 2026)(p44)
- **Ultra Deep Carbonate Rock Formation Pressure Prediction Based on Mechanical Specific Energy: An Example of the Shuangyushi Structure in the Sichuan Basin, China** — DOI: 10.56952/ARMA-2026-0319 (60th_Rock_Mech_symp, 2026)(p45)

- **Experimental Investigation of Rock-Breaking Efficiency of Impact Drilling in Deep Shale under Temperature–Pressure Conditions** — DOI: 10.56952/ARMA-2026-0320 (60th_Rock_Mech_symp, 2026)(p45)
- **Study on Factors Influencing Axial Vibration of Rotary Steerable Systems in Large-Scale 3D Wells** — DOI: 10.56952/ARMA-2026-0322 (60th_Rock_Mech_symp, 2026)(p45)
- **Impact of Drillpipe Rotation on Annular Frictional Pressure Loss: Insights from Field Data and Predictive Modeling** — DOI: 10.56952/ARMA-2026-0523 (60th_Rock_Mech_symp, 2026)(p45)

3. Zementierung, Zementmantel und Bohrlochabschluss

- **Comparative Evaluation of Recycled and Commercial Glass Fibers in Lightweight Oilwell Cement** — DOI: 10.56952/ARMA-2026-0733 (60th_Rock_Mech_symp, 2026)(p6)
- **Prediction for Pressure Loss During Cementing Placement Based on Temperature-Dependent Rheological Experiments** — DOI: 10.56952/ARMA-2026-0039 (60th_Rock_Mech_symp, 2026)(p43)
- **Damage Evolution Mechanism of Cement Sheath under Thermal Cycling: An Experimental Study Based on Macro-Micro Performance Correlation** — DOI: 10.56952/ARMA-2026-0043 (60th_Rock_Mech_symp, 2026)(p43)
- **Experimental Analysis of Early Gas Migration Pathway in Well Cement** — DOI: 10.56952/ARMA-2026-0463 (60th_Rock_Mech_symp, 2026)(p45)
- **Evaluating Lost Circulation Materials: A Comparison of Dynamic and Static Test Methods** — DOI: 10.56952/ARMA-2026-0441 (60th_Rock_Mech_symp, 2026)(p45)

4. Bohrlochbezogene Beiträge in Geothermie und Untergrundspeicherung

- **Numerical and Analytical Approaches to Production Logging in EGS Using Fiber-Optic Thermal Slug Tracking** — DOI: 10.56952/ARMA-2026-0236 (60th_Rock_Mech_symp, 2026)(p9)
- **Multiscale Assessment of Wellbore Cement Integrity in Underground Hydrogen Storage** — DOI: 10.56952/ARMA-2026-0228 (60th_Rock_Mech_symp, 2026)(p9)
- **Self-Healing with Permeability Restoration by Alkali-Activated Geopolymers for Enhanced Well Integrity** — DOI: 10.56952/ARMA-2026-0340 (60th_Rock_Mech_symp, 2026)(p6)