

List of topics Call for Papers DGK2025

Deep and Medium-Deep Geothermal

- National Survey and Regional Field Development
- Exploration, Field and Laboratory Work, Databases and Forecasting
- Development Including Drilling Technology and Stimulation
- Closed Systems
- Reservoir Management and Numerical Modeling, THMC, AI
- Seismology, Measurement Technology and Monitoring
- Chemistry of Thermal Waters, Scaling, Fouling, Corrosion
- Co-Production of Critical Raw Materials
- Surface Facilities, Large or High-Temperature Heat Pumps
- Integration Into Heat Distribution Networks, System Integration
- Hybrid Renewable Supply Concepts

Near-Surface Geothermal

- Drilling Technology, Well Completion
- Open Systems (Wells), Phase Change Probes, Energetic Geostructures
- Horithermics and the Use of Surface Waters
- Post-Mining Utilization
- Sector Coupling, Value Chain
- Neighborhood Solutions and Operational Planning
- Supply of Multi-Family Houses
- Cold Grids
- Monitoring and Optimization
- Calculation Approaches for Designing Near-Surface Systems, Modeling, Simulation, AI
- Cooling and Air Conditioning of Buildings
- Hybrid Renewable Supply Concepts

Heat and Cold Storage

- Open Energy Storage Systems, ATES, High-Temperature Storage Systems
- Closed Storage Systems

Energy and Research Policy

- Municipal Heat Planning, Implementation Concepts
- Legal Framework and Approval Practice
- Environmental Management, Public Acceptance
- Training and Further Training of Specialists
- Financing and Funding Programs, Risk Mitigation
- Economic Effects