

**Call for Papers**  
**Deutsche Kälte- und Klimatagung 2026**  
**18. – 20. November 2026**  
**Ingolstadt**

If you are interested to present a paper to one of the following topics, please submit an abstract.  
The criteria are:

Abstract maximum                      ½ DIN A4 page

Deadline                                      April 30, 2026

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**Commission 1                      Cryogenics**  
**Chair:                                      Prof. Dr. rer. nat. Christoph Haberstroh**

- Large-scale cryogenic systems and condensers
- Cryogenic cooling for superconductivity
- Cryogenic technology in basic research
- Cryogenic energy sources (LNG; liquid hydrogen)
- Cryostats, Dewar vessels, transfer lines
- Cryogenic applications in biology and medicine
- Cryocooler; measurement technology
- Fluid data and materials
- New concepts and systems

**Commission 2                      Fundamentals**  
**Chair:                                      Prof. Dr.-Ing. Stefan Elbel**

- Efficiency measures to reduce CO2 emissions (TEWI)
- Material data
- Heat and mass transfer
- Solar cooling
- Thermal energy storage
- CHP (combined heat, power and cooling)
- Alternative processes, ORC (Organic Rankine Cycle), waste and adsorption processes
- Process simulation and control

**Commission 3                      Application and Components**  
**Chair:                                      Prof. Dr.-Ing. Robin Langebach**

- Current trends in research and development
- Innovative concepts, operating modes and integration
- Refrigerants and refrigeration compressor oils in transition
- Control, regulation and monitoring

- Digitalisation and cyber security
- Reduction of noise and vibration emissions
- Life cycle costs / total costs of ownership

**Commission 4                      Refrigeration Applications**  
**Chair:                                      Dr.-Ing. Nicholas Lemke**

Stationary                              Household  
    Industry, Commercial and Research  
    Food: Production, distribution, storage and trading  
    Heat recovery  
    Efficiency and optimization  
    Standards and legal regulations

Mobile refrigeration applications              Transport refrigeration: lorry, container, ship  
    Automobile air conditioning: car, bus, lorry, train, ship  
    Thermal management for electric vehicles  
    Refrigerants and Standards

**Commission 5                      Air conditioning**  
**Chair:                                      Dipl.-Ing. (FH) Christian Friebe**

- Ventilation and air conditioning in public buildings, e.g. hospitals and schools
- Air humidity, drying, dehumidification and humidification
- Residential ventilation
- Air conditioning with split units and VRF systems
- Energy storage; Load shifting / load management
- Indoor air flows, IAQ, comfort and acoustics
- Energy-efficient and sustainable system and component technology
- System planning, commissioning and monitoring Sustainability, resource conservation, standards and legal regulations

**Commission 6                      Heat pump application**  
**Chair:                                      Prof. Dr.-Ing. Christiane Thomas**

- Heat pump application for residential buildings, trade and industry
- Heat pump solutions for apartment buildings
- High-temperature and industrial heat pumps
- Energy-efficient system technology (construction and operation)
- Solutions for refurbishment of existing systems and in existing buildings
- Digitalization in the cooling and heating sector
- Heat pumps in the smart grid, load shifting and flexibilization
- Standards and legal regulations

**Conference fee for authors**

	DKV-Member	Non-Member
Fee for authors	395,00 €	495,00 €