

Call for Papers
Deutsche Kälte- und Klimatagung 2024
22. – 24. November 2024
Dresden

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, 2024

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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. Stephan Kabelac

- 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: Dipl.-Ing. (FH) Michael Hendriks

- Development of components and assemblies for compression, heat transfer, expansion
- Application of refrigerants, refrigeration machine oils, cooling and heat transfer media
- Control, regulation and safety technology
- Reduction of noise, vibrations, corrosion

