ILK DRESDEN

Exzellenz ab null Kelvin

Institut für Luft- und Kältetechnik gGmbH

Managing Director
Prof. Dr.-Ing. Uwe Franzke

Representatives
Occupational Safety
Philipp Herold (ias)
Fire Protection Commissioner
Thomas Schröter
Data Security
Dipl.-Ing. Frank Prastka
Export control officer
ppa. Dipl. Wi.-Ing. (FH) Andreas Prax, M. Sc.
Hazardous Substances / Radiation Protection
Thomas Wagner
Laser Safety Officer
Dipl.-Ing. (FH) Christian Friebe
Quality Management
Dr. rer. nat. Franziska Krahl
Radiation Protection
B. Sc. (BA) Christina Mann
Responsible Electrician
Jens Hänsel
Welding Coordination
Dr.-Ing. Ronald Miksche

HR
M. Sc. Janine Beese

IT
Dipl.-Inf. Dirk Schuster

PR
Diplom-Marketingwirt BAW Daniela Koch

Compliance Officer
Rechtsanwalt Klaus Wülfrath

Whistleblower portal
esb Rechtsanwälte Strewe & Partner mbH

Main Department 1
Cryogenics and Low Temperature Physics
Dr. rer. nat. Andreas Kade

Technical Fields
- Cryocooler / Heat recovery systems / cryogenic actuators
- Particle Accelerator technology and superconductivity
- Cryostats
- Cryogenic complex cooling systems
- Hydrogen technology

- Center of Cryo-Competence in Life Sciences

Main Department 2
Refrigeration and Heat Pumps
Dipl.-Ing. Markus Müller

Technical Fields
- Compression refrigeration
- Heat pumps
- Heat and mass transfer
- Test rig design

- Testcenter PLWP
  Dr.-Ing. Matthias Böhm

Main Department 3
Air Conditioning
Dipl.-Ing. (FH) Christian Friebe

Technical Fields
- Air conditioning technology
- Numerical thermofluid dynamics
- Acoustics
- Heat and mass transfer
- Fluid kinetic machines
- Software development
- Prototype development and test bench construction

Main Department 4
Applied Materials Engineering
ppa. Dr. rer. nat. Michael Goldberg

Technical Fields
- Working fluids and materials
- Analytics, thermodynamic data, test methods
- Thermal storage and off-grid refrigeration systems
- Sensor technology, measurement and control, software applications
- Mechatronic systems and test bench construction
- Leak detection methods and testing

- Physical-chemical Laboratory
  Dr. rer. nat. Torsten Burkholz

Main Department 5
Applied Energy Engineering
Dr.-Ing. Mathias Safarik

Technical Fields
- Water as Refrigerant (R718)
- Sorption chillers
- Ice slurry applications
- Sustainable and complex energy systems
- Water bodies as heat sources

Main Department 6
Air Pollution Control
Dipl.-Ing. Ralf Heidenreich

- particle measurement & aerosols
- air filtration & separation technology
- contaminant measurements

- accredited test center for air pollutions and biomass boilers

Department
Finance / Controlling
ppa. Dipl. Wi.-Ing. (FH) Andreas Prax, M. Sc.

Department
Engineering
Dipl.-Ing. Stephan Schulz

Department
General Services
Ralf Knörnschild

Erstellt/Geändert: Prof. Franzke	Geprüft: Prof. Franzke	Freigegeben: Prof. Franzke
Datum: 31.03.2025	Datum: 31.03.2025	Datum: 31.03.2025
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