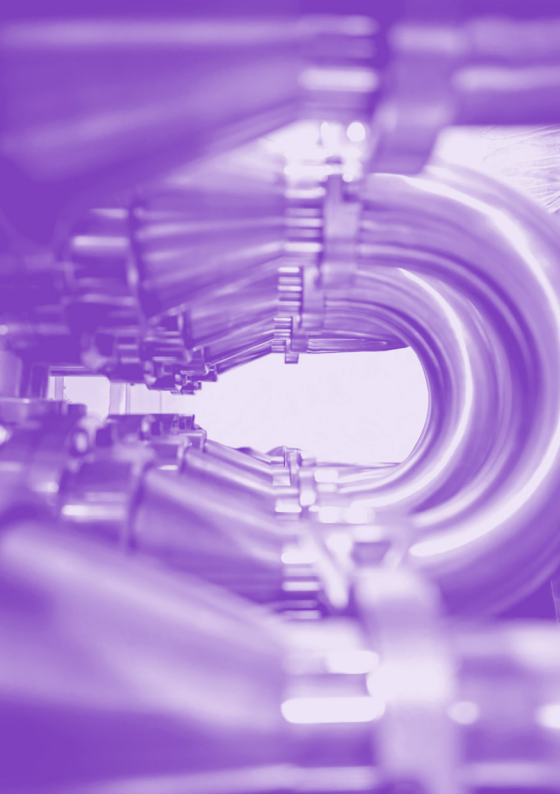




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Cryo



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Message from the Editor-in-Chief

Cryogenics is an important branch of physics, representing a foundational field in modern science. Cryogenic technology provides core support for superconductor applications, rocket launches, space exploration, quantum science, and many other topics. Cryogenic technology and equipment are developing rapidly and progressing high-tech facilities. Due to the importance and influence of this field, we are here to build the new journal, *Cryo*, which will serve numerous researchers and technicians working in cryogenics and provide a public platform to exhibit their new ideas and results.

Editor-in-Chief

Prof. Dr. Yanzhong Li

Aims

Cryo (ISSN 3042-4860) is an international open access journal focused on cryoengineering and cryogenics. *Cryo* publishes reviews, regular research papers (articles), and short communications. Our aim is to encourage scientists to publish their experimental and theoretical results in as much detail as possible. Therefore, there is no restriction on the maximum length of papers. Full experimental details must be provided so that the results can be reproduced.

Scope

- Various applications of cryogenic techniques
- Properties of cryogenic fluids under various conditions
- Properties of materials at the cryogenic temperature
- Cryogenics instrument and process control
- Heat transfer and thermo-physical properties
- Cryogenic two-phase flow
- Cryogenic design
- Low-temperature thermal conductivity
- Low-temperature dislocation structure
- Cryogenic thermal insulation technology
- Fusion magnets and superconductors
- Cryogenics for fusion energy
- Superhelium and superconductors
- Cryogenics for large-scale scientific facility
- Cryocooler and refrigerators
- Space cryogenics
- Cryogenic fuel
- Cryogenic rocket engine
- Cryogenic propellants
- Cryogenic quantum computing
- Hydrogen energy
- Liquid/cryogenic hydrogen storage and transportation
- Liquid hydrogen production and application
- Liquefied Natural Gas (LNG)
- Modern refrigeration cycles
- New methods and technology regarding cryogenics

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