

# EUROPEAN COURSE OF CRYOGENICS 2025

Based on an agreement between Technische Universität Dresden (Germany), Wrocław University of Science and Technology (Poland), and the Norwegian University of Science and Technology Trondheim (Norway) the commonly organized academic courses in “Cryogenic Fundamentals” and “Cryogenic Processes” are offered – according to previous years – in 2025 again.

Date	Location	Focus
Aug. 18 <sup>th</sup> – Aug. 22 <sup>nd</sup> 2025	TU Dresden, Germany	Basics, liquid hydrogen technology
Aug. 25 <sup>th</sup> – Aug. 29 <sup>th</sup> 2025	WUST Wrocław, Poland	He cryogenics, cryostat technology
Sept. 1 <sup>st</sup> – Sept. 5 <sup>th</sup> 2025	NTNU Trondheim, Norway	Liquefied natural gas, coolers

Students from the engineering department of the organizing universities as well as from other universities are invited to apply for participation. The courses will be held in English language. Lecturers will be members of the organizing universities plus a number of external experts. In addition to the lessons, technical excursions, student tutorials and demonstrations will be performed. The weekends are foreseen mainly for common social activities and travel.

There will be two written examinations at the end of the course. The first examination is assigned to “Cryogenic Fundamentals”, the second to “Cryogenic Processes”. The acknowledgement of achieved ECTS credits is guaranteed at all three organizing universities.

## Application

Who can apply?	Master or PhD students from the participating universities as well as from other universities and institutes, who are interested in cryogenic technology.
ECTS credits	In total a maximum of 12 ECTS credits can be achieved.
Accommodation	Arranged and sponsored by the respective institution, incl. lunch plus a limited framework program. Depending on the accommodation, breakfast and dinner may be included.
Travel costs	To be covered by the participants individually (in case of need the respective home institution may be addressed for financial support)
Limitations	Due to organizational restrictions, the number of participants is limited. Therefore, an application process is established.
Application	Short application letter (motivation) and CV (in English, incl. picture, pointing out pre-knowledge, practical experience, interests and language skills). Best before end of April; later applications will be regarded according to remaining places only.

## Contact

Students from Norway and Poland should directly address their application to the respective NTNU Trondheim or WUST Wrocław chairs. Students from Germany and from other countries please address their application to the contacts below:

Technische Universität Dresden  
Schaufler Chair of Refrigeration, Cryogenics and Compressor Technology

c/o Prof. Dr. Christoph Haberstroh  
Maximilian Grabowski & Henrik Bischoff

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