

EUROPEAN COURSE OF CRYOGENICS 2022

Based on an agreement between the respective Technical Universities, the commonly organized academic courses in “Cryogenic Fundamentals” and “Cryogenic Processes” are offered – according to earlier years – as well in 2022 again.

Dates

Date	Location	Focus
Aug. 15th – Aug. 19th 2022	TU Dresden, Germany	Basics, liquid hydrogen technology
Aug. 22nd – Aug. 26th 2022	Twente Univ, Netherlands	Helium, cryocoolers, instrumentation
Aug. 29th – Sept. 2nd 2022	NTNU Trondheim, Norway	Liquefied natural gas, coolers

We invite students mainly from the organizing universities to apply for participation. Course and participant acceptance are with reservation as for the pandemic situation and eventual restrictions in force then. In best case, maybe even applicants from other institutions can be accepted. 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.

Two written examination will take place at the end of the course. The first examination is assigned to “Cryogenic Fundamentals”, the second to “Cryogenic Processes”. Achieved ECTS credits can be used as study achievement according to the respective university’s course regulations.

Application

Who can apply?	Engineering or PhD students from the participating universities, maybe as well as from other universities and institutions, 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. breakfast and lunch plus a limited framework program.
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 from the Netherlands should directly address their application to the NTNU Trondheim and to the respective department at Twente University.

Students from Germany and from other countries should direct their application (curriculum vitae including a picture + letter of motivation) as soon as possible to the following address:

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