

The 25th International Symposium “Research – Education – Technology” is hosted by the University of Applied Sciences Bremen, Faculty of Science & Technology on the 30th June 2022. Herewith we invite our academic friends and industrial partners to take part in this unique event. We are looking forward to presenting excellent projects or research work performed in the frame of current research and development activities.

The principle objectives of the conference are as follows:

- ❑ Presentation of the latest achievements in mechanical engineering as to enable joint applications for European grants
- ❑ Industrial implementation of research results
- ❑ Establishing of new personal contacts and strengthening of existing relations between scientists

The 6th International Conference Energy Conference “LTHU” will be a special session on the 1st July 2022. This conference was initiated by Prof. Dr.-Ing. Sławomir Smoleń (J.R. Mayer Institute for Energy Engineering) and launched 2007 in co-operation with many academic and industrial partners. The conference is a forum for presentation of new results and developments in the area of energy engineering. This year the special session deals with the topical development and different aspects of hydrogen technology.

Scientific Committee:

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Prof. Dr.-Ing. habil. Albert Baars, Hochschule Bremen – Co-Chairman
Prof. Dr. Lars Jürgensen, Hochschule Bremen – Co-Chairman
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Prof. Dr.-Ing. habil. Krzysztof Lipiński
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Organizing Committee:

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Dr. Józef Niegoda

Contact Information

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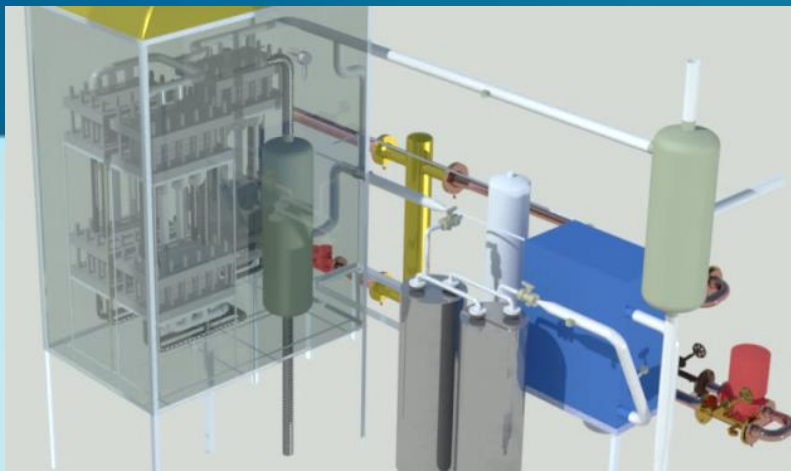
XXV International Symposium Research — Education — Technology 30th June 2022

and

6. International Conference LTHU *with a special session:* *Hydrogen Technology in Energy Supply Systems* 1st July 2022

First Announcement Invitation and Call for Papers

Conference-Venue:
Haus der Wissenschaft
Sandstraße 4/5, 28195 Bremen



Topics

Thursday 30th of June 2022

- Research, Teaching and Didactics Organization in Mechanical Engineering
- Production Engineering
- Computer Based Mechanical Engineering
- Aerospace Technology
- Fluid Flow, Energy and Environmental Engineering
- Applied Mechanics, Material Sciences and Testing Methods

Friday 1st of July 2022

- Water Electrolysis — Fundamentals and Technical Solutions
- Production, Logistics, and Storage
- Industrial and Communal Use and Storage Projects
- Transportation: Aviation, Road, and Shipping
- Fuel Cells
- Low Temperature Heat Recovery
- Waste Heat Recovery and Heat Integration in Hydrogen Installations

Deadlines (extended)

- 31th March 2022** - registration and submission of title and short abstract (formless)
- 16th May 2022** - notification about the abstracts
- 25th May 2022** - complete author-prepared electronic paper version in word and pdf format for publishing in the conference proceedings - minimum 2 pages according to the template
- Authors of selected papers will be encouraged to **submit** their papers for **publication** in „**Archives of Thermodynamics**“, „**Acta Mechanica et Automatica**“, or „**Archive of Mechanical Engineering**“
- 10th June 2022** - final registration and bank transfer of the conference fee

Preliminary registration and submission of papers

Preliminary registration will be accepted based on the completed registration form, which should be submitted with an accompanying abstract via Internet to the Organizing Secretary at

conference-ret-lthu@hs-bremen.de

Title and short abstract (formless) should contain sufficient information about the subject to be presented at the Symposium/Conference.

See more information for submission, registration form and template for the electronic final paper version at

www.hs-bremen.de/conference-ret-lthu

Accommodation

Participants of the conference will be accommodated in hotels in Bremen at a price of approximately 60 – 120 € per person and day.

Fee

An amount of **150 €** per participant will cover organization costs, proceedings and participation in the social event.

Social Events

During the Symposium, an industrial visit of OHB System AG (space technology), a social event and a sightseeing tour will be organized.

Presentation form

The presentations will be provided as oral presentations and in poster form.

Language

The language of the conference will be English and German. All abstracts and papers should be written in English.