

Special Issue "Modeling and experimental investigations of thermo-hydraulic, hydrogen, manufacturing and mechanical systems"

keywords: environmental engineering, fluid flow, thermal energy management, heat transfer, material sciences, nanotechnology, production engineering, manufacturing, industry 4.0, machine performance, applied mechanics, control system

Deadline for manuscript submissions: **November 14, 2022**

Special Issue Editors

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Interests: thermal energy management, heat transfer, nanotechnology, environmental engineering, machine performance

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Interests: hydraulic and pneumatic drives and controls, mechatronic systems, mechanical engineering, fluid flow, heat transfer, computer simulations, tests of hydraulic elements and systems at low ambient temperatures

Special Issue Information

Dear Colleagues,

This issue contains selected papers from the 25th International Symposium: Research – Education – Technology (30th June 2022) and 6th International Conference LTHU with a special session: Hydrogen Technology in Energy Supply Systems (1st July 2022), held in Bremen, Germany.

The 25th International Symposium: Research – Education – Technology particularly focuses on the following topics:

- 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



The 6th International Conference LTHU with a special session: Hydrogen Technology in Energy Supply Systems particularly focuses on the following topics:

- water electrolysis - fundamentals and technical solutions
- production, logistics, and storage
- industrial and communal use and storage projects
- transportation: aviation, road, and shipping
- hydrogen energized fuel cells
- heat transfer and exchangers
- waste heat recovery heat integration in hydrogen installations

Sławomir Smoleń and Ryszard Jasiński
Guest Editors

Manuscript Submission Information

Manuscripts should be submitted via our Editorial Manager system:

www.editorialmanager.com/ama/default.aspx

Authors should choose article type: Special Issue "Modeling and experimental investigations of thermo-hydraulic, hydrogen, manufacturing and mechanical systems" from the drop-down menu.

Please visit the [Instructions for Authors](#) before submitting a manuscript.