

Launch of the European Thermal Hydraulics Community

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We are excited to announce the establishment of the European Thermal Hydraulics Community (ETHC), created in 2024 under the auspices of the Sustainable Nuclear Energy Technology Platform (SNETP). The ETHC aims to unite the diverse stakeholders in nuclear research and development across Europe, fostering the exchange of knowledge and expertise in nuclear thermal hydraulics.



The primary mission of the ETHC is to advance, share, and maintain high-level scientific and technical knowledge across all areas of nuclear thermal hydraulics. This will be achieved through the following:

1. Bringing together experts, students, and young professionals in the field.
2. Stimulating networking and mobility within the community.
3. Encouraging collaboration and resource sharing.
4. Facilitating knowledge management, expansion, and development.
5. Connecting students and early-career professionals with SNETP and other international organizations.

While the full scope of ETHC activities is still in development, the following initiatives are already ongoing or are being planned:

1. Publishing a newsletter twice per year that features key updates on conferences, collaborative projects, mobility opportunities, grants, scholarships,

and notable highlights in the field of thermal hydraulics. The fourth newsletter was published in July 2025.

2. Lunchinars (lunchtime webinars) on a wide range of relevant topics, including the first initiative on passive safety, held in December 2024, featuring an outstanding lineup of expert speakers.

3. Hosting topical workshops and informal networking events alongside major conferences and meetings (such as the SNETP Forum, NURETH, NUTHOS, ERMSAR, and others).

4. Engaging with the younger generation, for instance through the European Young Generation Network (EYGN).

5. Acting as a central point for dissemination activities in future European collaborative projects.

The ETHC is committed to becoming a pivotal platform for the nuclear thermal hydraulics community, driving collaboration, innovation, and the development of the next generation of experts. We look forward to working together to achieve these ambitious goals and contribute to the future of sustainable nuclear energy.

For more information or to receive our newsletter, please contact us at ethc@snetp.eu or visit our website at <https://snetp.eu/european-thermal-hydraulics-community-ethc>.

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