

## **Brian Elmegaard High-Temperature Heat Pump Scholarship**



Brian Elmegaard (1970–2024) was a professor of thermal energy systems at the Department of Civil and Mechanical Engineering, Technical University of Denmark. Brian was an active researcher in the field of process integration and industrial electrification, with a particular emphasis on heat pump integration and heat pump technology.

At the university, Brian taught numerous related courses, ranging from basic thermodynamics to advanced methods in thermal engineering. He supervised an impressive number of B.Sc., M.Sc., and Ph.D. theses. Brian was a skilled and well-liked teacher and supervisor who, through his work, made a lasting contribution to Danish industry.

Brian actively worked to bridge the gap between academia and industry. As part of this effort, he co-founded and co-organized the High-Temperature Heat Pump Symposium in 2017, providing a platform for experts to exchange knowledge and tackle key challenges.

Brian was a strong advocate for including B.Sc. and M.Sc. students in events such as the High Temperature Heat Pump Symposium, giving them valuable insights into real-world challenges as well as opportunities to network with leading experts, companies, and institutions.

Honoring Brian's dedication to education and industrial collaboration, the High-Temperature Heat Pump Symposium will offer 10 scholarships for B.Sc. and M.Sc. student participation.

## The scholarship will cover:

- Participation fee for the symposium and dinner
- 2 nights of accommodation
- Travel expenses up to 400 €

## Eligibility and requirements

Students eligible for scholarships are outstanding B.Sc. or M.Sc. students in the field of high-temperature heat pump technology or integration. Nominations for scholarships should be submitted by the student's university supervisor and include a short motivation for the student's eligibility (maximum 1 page).

Students awarded a scholarship will be required to present a poster of their thesis work at the symposium. The work does not need to be completed but may include a description of the background, motivation, and intended outcome of the project.

## Nomination

Nominations should be sent to **Jonas Kjær Jensen** [jkje@dtu.dk](mailto:jkje@dtu.dk) with the subject line: Brian Elmegaard High Temperature Heat Pump Scholarship. Nominations received before 12. of December 2025 will be assessed. The granted scholarships will be announced on 16. of December 2025.

## Best regards

Jonas Kjær Jensen, Associate Professor, DTU

Benjamin Zühlsdorf, Innovation Director, DTI

Petter Nekså, Chief Scientist, SINTEF

On behalf of the High-Temperature Heat Pump Symposium Organizing Committee