

Topics

Thermophysical properties
Exercises and applications using the CoolProp library
Compression, expansion, storage processes
Combustion and other related chemical reactions
Economy of hydrogen, Safety issues (ATEX, toxicity)

Registration at www.labohtap.uliege.be/greenskhy2025

Free of charge. Priority to members of the GreenSKHy project. Subject to availability for other organisations.

Interreg  Co-funded by
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Green SKHy



Winter School 2025 H₂ Production and use



27-31 January 2025



Sart-Tilman
Campus Liège (Be)



Focused on hydrogen
production, use, handling,
transport and storage.



Schedule at a glance

Monday AM	Lecture 1	Welcome session. Thermophysical prop.
Monday PM	Lecture 2	Compression, storage + applications
Tuesday AM	Lecture 3	Electrolyser and Fuel cell technologies
Tuesday PM	Lecture 4	Hydrogen combustion
Wednesday AM	Lecture 5	Industrial use of hydrogen
Wednesday PM	Lecture 6	Economy of hydrogen
Thursday AM	Lab.	Hydrogen kart
Thursday PM	Site visit 1	Cryotechniques - BeBlue
Friday	Site visit 2	John Cockerill + closure session