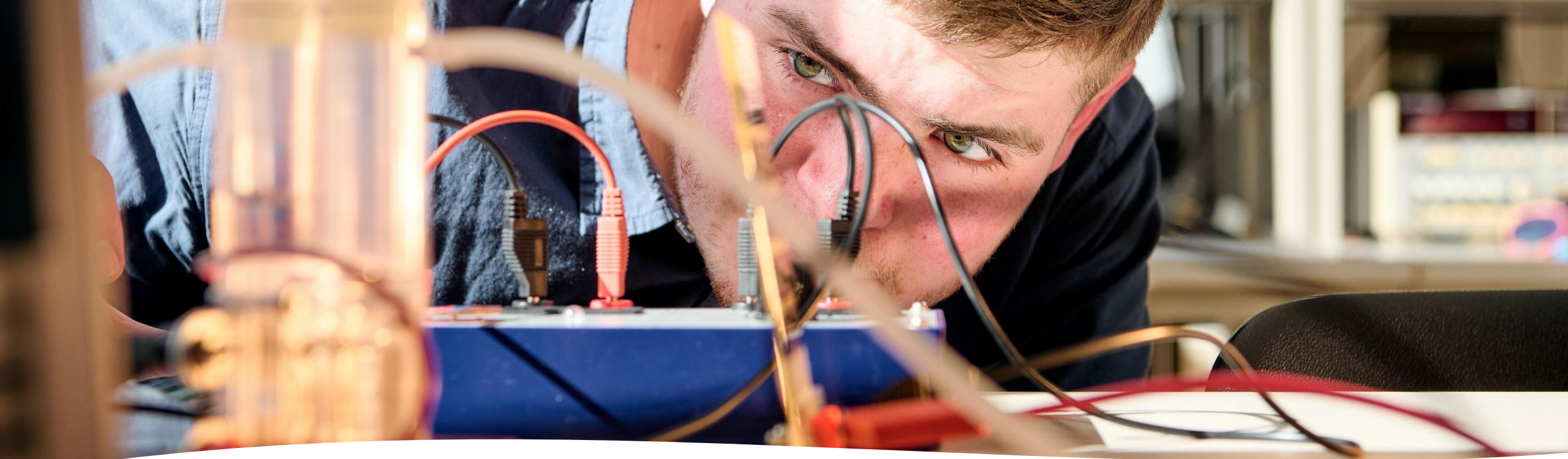




33rd Spring School 2026

the Institute for Renewable Energy Systems
invites to the 33rd Spring School FUSES at
25th & 26th March 2026
(online afternoons)
+ 14th – 24th April 2026
(in presence at Stralsund University)





Stralsund

North-East Germany
in the federal state
Mecklenburg-
Vorpommern



About UAS Stralsund

Founded: September 1991 with 175 students

Students: approx. 2,000

Schools: Electrical Engineering and Computer Sciences,
Mechanical Engineering, Economics



- young and innovative university
- modern equipment
- perfect staff-student ratio

- located next to the Baltic Sea
- perfect conditions for studying, research and quality of living
- top-ranked



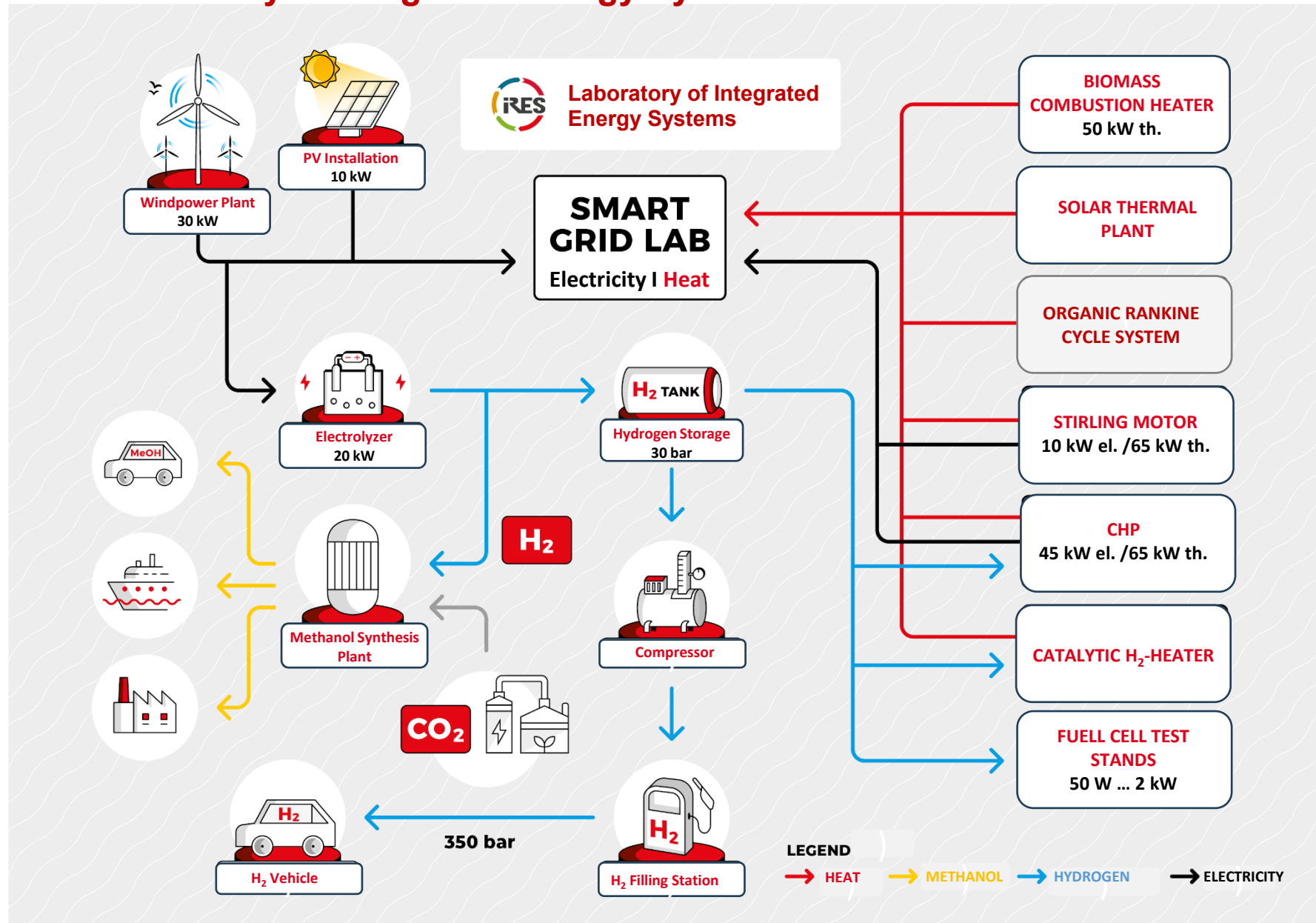
What's in it for you?

You join a 2 weeks international training school with focus on renewable energy and hydrogen technology:

- **Seminars** on all issues of renewable energy and hydrogen technology
- **Labs on hydrogen technology and renewables** and presentation of lab results
- **Exchange about students' home countries** and the energy situation there
- **Excursion to the Hannover Fair**
- **Intercultural get-together** and barbecues for students and professors
- **Examination & farewell party**



Our Laboratory of Integrated Energy Systems



Spring School Labs:

- H₂ production experiments
- Automation of a fuel cell system
- H₂ usage in a catalytic burner
- Heating & cooling measurements
- modelling energy storage systems with Matlab/Simulink
- ... and more

What's in it for you?

Topics covered in seminars:

- Conversion and de-carbonization of electricity flows into sustainable energy and material cycles
- Utilization of renewable energy and feeding of volatile - green - electricity into the smart grids of the future
- Storage technologies for electric, heating/cooling and transportation systems
- The role, production and use of hydrogen as a clean energy carrier in PtX technologies
- Fuel cells - perfect converters for a better energy/energy ratio
- Efficient conversion technologies for mobility / heat and power supply like drives, heat pumps etc.
- Integration and efficient use of bio and waste energy
- Wind and solar energy systems
- Societal aspects of the energy transition



What's in it for you?

You learn together in mixed teams of international students:

- Students from Estonia, Lithuania, Poland, Norway, Finland, Netherlands, Bulgaria, Brazil and Columbia

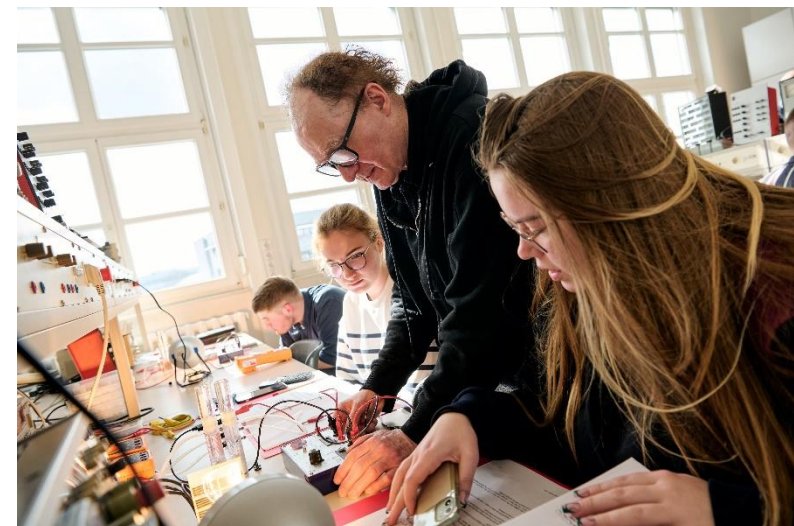
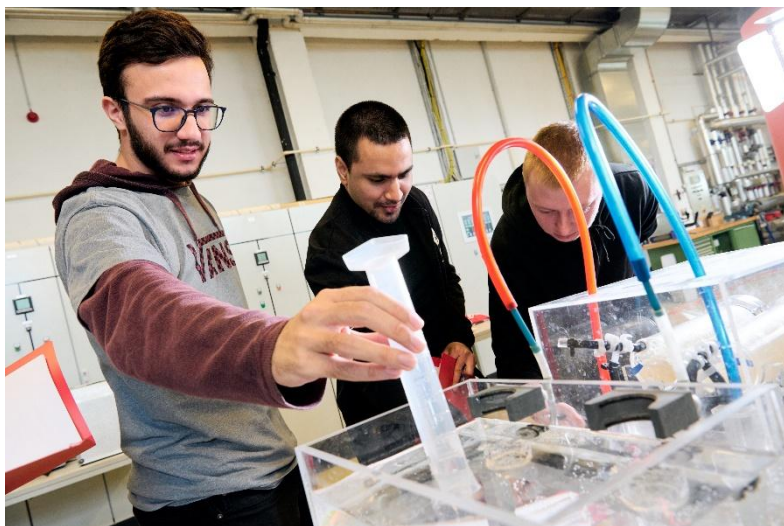
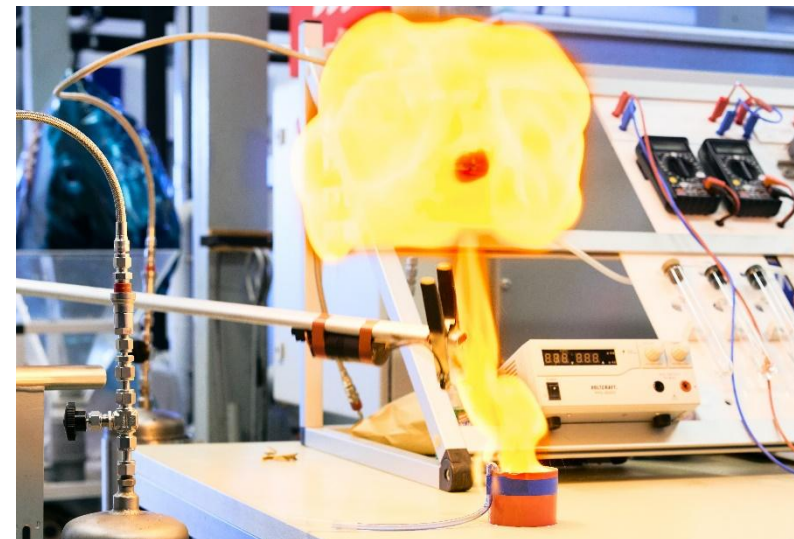
You will be provided with expertise from many different energy technology fields and a variety of scientific perspectives:

- Lecturers from different partner universities from Estonia, Finland, Norway, Poland, Lithuania, Bulgaria, Brazil, Netherlands and Germany

You meet students from the ThaiGer H2-Racing Team of Stralsund University



Impression from previous spring schools



Impression from previous spring schools



https://www.hochschule-stralsund.de/storages/hs-stralsund/IRES/Bilder/SpingSchool/Spring_School_FHD1080p_2023-07-28.mp4



Welcome to University of
Applied Sciences Stralsund!

See you in April 2026!

Contact

University of Applied Sciences Stralsund

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