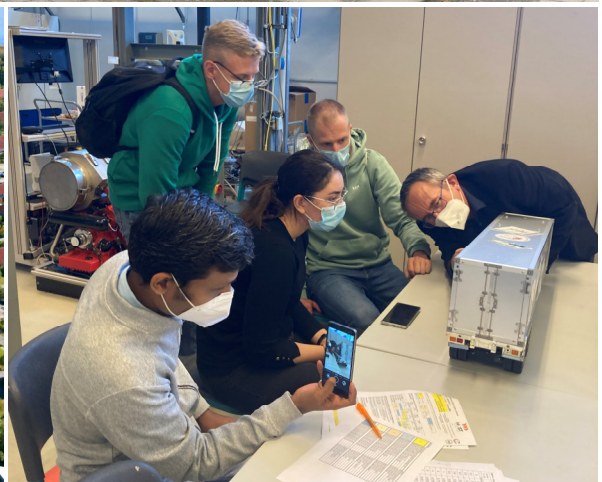


29th Stralsund Spring School FUSES

25th April – 6th May in 2022

FUSES+ FUture Sustainable Energy Supply – based on renewable energy and hydrogen technology



© Hochschule Stralsund

Dates & Location

25.04.-06.05.2022

HOST – Hochschule Stralsund
University of Applied Science Stralsund
Institut für Regenerative EnergieSysteme – IRES
Institute of Renewable EnergySystems

Zur Schwedenschanze 15
18435 Stralsund
Germany

We are currently planning the event **in presence**. Depending on the developing pandemic situation in spring, we may also hold the event online or in hybrid form.

About the Stralsund Spring School FUSES 2022 - FUTURE SUSTAINABLE ENERGY SUPPLY

The FUSES 2021 Spring School is a two-week international training course focusing on renewable energy and hydrogen technology. In recent years, about 45 students from Estonia, Lithuania, Poland, Russia, Norway, Finland, Brazil, Thailand and Germany took part.

The seminars cover all topics of renewable energy systems and hydrogen technology. This includes practical courses on hydrogen technology and renewable energies as well as an excursion to the Hanover Fair. The intensive programme is rounded up by intercultural evenings for students and lecturers.

In addition to the participation in lectures excursion and labs, all international students will present their lab results, give a presentation on the energy situation in their home countries and take a final exam at the end of the two weeks, which they will receive credits for.

What's in it for you as a student?

These topics are covered by the 2-week 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....
- Integration and efficient use of bio and waste energy

For more detailed information about the lectures, check out the programme of the last spring school.

In addition to the lectures and laboratory training sessions the program is complemented by a full-day excursion to the Hanover Fair, the most important international platform for all technologies related to industrial transformation, including exhibitions on current technologies in the energy industry as a significant sector.

What does it cost?

The participation is free of charge.

Attendants need to finance the following costs themselves:

- travel to Stralsund and back
- daily boarding (Self-catering & shopping facilities are nearby, and there is a cafeteria and canteen on campus for breakfast and lunch.)
- 250,- Euro for accommodation at our students guest house for the duration of stay from 24th April until 6th May 2022 (max. 35 students, double rooms as standard).

An extended stay from an earlier date such as Saturday, 23rd of April or with extra night(s) until 7th/8th May will be possible.



Interested to join?

Get in contact with your international office at your university that they take a contact to us:

Romy Sommer

project manager at the Institute of Renewable EnergySystems

E-Mail: romy.sommer@hochschule-stralsund.de

Prof. Dr. rer. nat. Johannes Gulden

director of the Institute of Renewable EnergySystems

E-Mail: johannes.gulden@hochschule-stralsund.de

Prof. Dr. Thomas Luschtinetz

E-Mail: thomas.luschtinetz@hochschule-stralsund.de

www.ires.hochschule-stralsund.de