

PROGRAMME

Summer School

DAY 1 | SEPTEMBER 28TH

Morning Session

09:30 - 10:00 ▶ **Welcome to the course, course description, and participants' presentation**
Mario Ragwitz, Fraunhofer Cluster of Excellence – Integrated Energy Systems
Nicolò Rossetto, Florence School of Regulation, RSCAS, EUI

10:00 - 11:00 ▶ **Overview of the policy landscape: the European Green Deal and the quest for deep decarbonisation**
Andris Piebalgs, Florence School of Regulation, RSCAS, EUI

11:30 - 12:30 ▶ **Networking Session**

Afternoon Session

14:00 - 15:00 ▶ **The technical and economic aspects of hydrogen: production costs and use cases**
Ronnie Belmans, KU Leuven
Pieter Vingerhoets, KU Leuven

DAY 2 | SEPTEMBER 29TH

Morning Session

09:30 - 10:30 ▶ **Modelling the decarbonisation of the energy system**
Frank Sensfuß, Fraunhofer ISI

10:30 - 11:00 ▶ **Coffee Break**

11:00 - 12:00 ▶ **Electrification of end-uses: prospects for heating**
Mathilde Fajardy, University of Cambridge, Judge Business School

Afternoon Session

14:00 - 15:00 ▶ **How to perform applied research in energy? The FSR recipe**
Leonardo Meeus, Florence School of Regulation, RSCAS, EUI

DAY 3 | SEPTEMBER 30TH

Morning Session

09:30 - 10:30 ▶ **Regulatory challenges for an integrated energy sector**
Alberto Pototschnig, Florence School of Regulation, RSCAS, EUI

10:30 - 11:00 ▶ **Coffee Break**

11:00 - 12:00 ▶ **Multi-energy grids: modelling and applications**
Tanja Kneiske, Fraunhofer IEE

Afternoon Session

14:00 - 15:30 ▶ **Examples of modelling applied to energy problems**
Tim Schittekatte, Florence School of Regulation, RSCAS, EUI
Athir Nouicer, Florence School of Regulation, RSCAS, EUI
Martin Roach, Vlerick Institute

Summer School for Young Researchers on Energy Systems

28.09. - 01.10. 2021

DAY 4 | OCTOBER 1ST

Morning Session

09:00 - 10:30 ▶ **Students' presentations and peer review**
Florian Scheffler, Fraunhofer IST
Oliver Ruhanu, Hertie School

10:30 - 11:00 ▶ **Coffee Break**

11:00 - 12:30 ▶ **Students' presentations and peer review**
Alexander Roth, DIW Berlin
Patrick Jürgens, Fraunhofer ISE

Afternoon Session

14:00 - 15:30 ▶ **Students' presentations and peer review**
Anselm Eicke, Hertie School
Anas Abuzayed, INES Offenburg

15:30 - 16:00 ▶ **Wrap-up of the school and participant feedback**
Mario Ragwitz, Fraunhofer Cluster of Excellence – Integrated Energy Systems
Nicolò Rossetto, Florence School of Regulation, RSCAS, EUI

Auf einen Blick

Fraunhofer CINES organisiert im Jahr 2021 die zweite Edition der Summer School „Integrated Energy Systems“ gemeinsam mit der Florence School of Regulation.

Die Summer School richtet sich an junge Wissenschaftler:innen und behandelt neben Energiepolitik und Regulatorik auch angewandte Modellierung und Systemanalyse.

Dieses Jahr geht es um die Rolle verschiedener Technologien - insbesondere der Rolle von Wasserstoff - in einem sektor-gekoppelten Energiesystem.

Mehr Informationen finden Sie auf unserer Website:
https://www.eniq.fraunhofer.de/de/Energy_Education.html

Kontakt

Fraunhofer ENIQ
Marijke Welisch
EUREF-Campus 23-24
10829 Berlin

Telefon: +49 89 1205-1127
Mobil: +49 175 4447712
eniq@zv.fraunhofer.de

Anmeldung

Florence School of Regulation
European University Institute
Via Boccaccio 121,
I-50133 Florence, Italy

<https://s.fhg.de/anmeldung-summer-school>

Hydrogen and electricity in the future energy system