

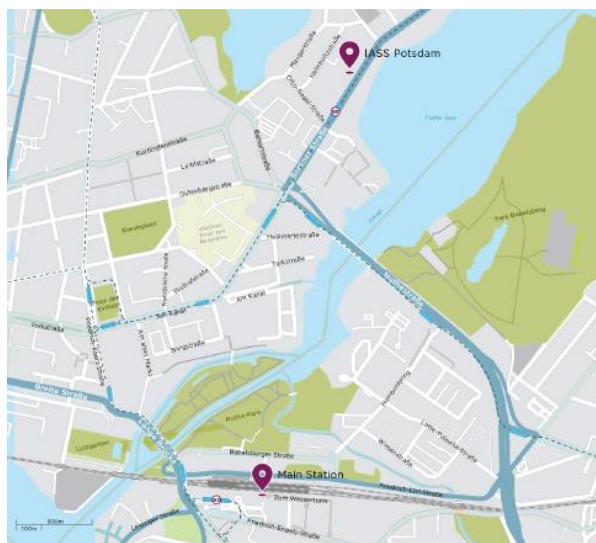
Venue

IASS Potsdam Institute for Advanced Sustainability Studies e.V.

Berliner Strasse 130
14467 Potsdam

Directions to IASS

- › From Potsdam central station to the IASS: Take tram No. 93 in direction Glienicker Brücke. Get off at stop Schiffbauergasse/Berliner Strasse (6 stops). The IASS is located directly opposite the road.



© IASS Potsdam
(Directions)

Contact (Project Coordination)

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APPLICATION REQUIREMENTS

If you want to apply for the programme you will have to submit your CV and two reference persons by e-mail. Please also express in your e-mail why you want to attend the programme.

The official call for application is still open. The deadline for submitting an application will be by 15 February 2019.

The CV should be sent to:

enavi.summerschool@iass-potsdam.de

SELECTION CRITERIA

Applicants should be in their early career (aged 25-40) with a university degree or other comparable qualification. And besides their professional expertise they should have a strong interest in sustainability and energy topics and be motivated to engage actively in the programme. Excellent English skills will be essential.

LOGISTICS

The Summer School 2019 will be conducted at the Institute for Advanced Sustainability Studies (IASS):

COSTS

The organiser will cover for the costs of food and lodging during the entire stay. Sunday May 12 will be the day of arrival and Saturday, May 18 will be the day of departure.

For the accommodation we will provide fully equipped apartments to be shared by two people at [Waveboard Boarding House](#) in Potsdam. There will be no tuition fee but participants have to organise their travel to and from Potsdam at their own expense

GEFÖRDERT VOM



Bundesministerium
für Bildung
und Forschung



P. Ch
IASS
Quel

*Kopernikus-Project
Navigation System for the Energy Transition | ENavi*

SUMMER SCHOOL 2019

The Digitalization of the Energy Transition
May 12 until May 18

KOPERNIKUS
ENavi >>> PROJEKTE
Die Zukunft unserer Energie

SUNDAY, 12.05.2019 | Arrival day

- 14:00 – 18:30 **Check In Hotel**
19:00 – 21:00 **Welcome Dinner**

MONDAY, 13.05.2019 | Mobility

- 09:00 – 09:30 **Welcome by Ortwin Renn**
Ortwin Renn (IASS)
- 09:30 – 10:30 **Setting the Scene**
Ortwin Renn (IASS)
- 10:30 – 11:00 **Coffee Break**
- 11:00 – 12:30 **Intro by Carlo Jäger (GCF)**
Digitalization and Mobility – Modelling a Sustainability Transition
Jahel Mielke & Andreas Geiges (GCF)
- 12:30 – 13:00 **Intelligent Charging of E-Vehicles**
Carsten Hoyer-Klick (DLR)
- 13:00 – 14:00 **Lunch Break**
- 14:00 – 16:00 **Workshop on Attitudes and Behavioural Aspects in Mobility**
Sophia Becker (IASS)
- 16:00 – 16:30 **Coffee Break**
- 16:30 – 17:30 **Talk & Discussion from Tesla/BMW/Google?**
Requested
- 17:30 – 18:30 **Mobility Centre Models: Shifting the Modal Split**
Friederike Pfeijfer (IKEM)
- 19:00 – 21:00 **Social Event & Dinner**

TUESDAY, 14.05.2018 | Smart heat

- 09:00 – 10:30 **Smart Space Heating as Part of the Energy Transition in the Heating Sector**
Dominik Schäuble (IASS)
- 10:30 – 11:00 **Coffee Break**
- 11:00 – 12:30 **The Role of Flexible Heat Generation in a CO₂-Neutral Energy System – Analysis with the Inter-Sectoral Energy System Model REMod-D**
Christoph Nülle & Christoph Kost (ISE)
- 12:30 – 14:00 **Lunch Break**
- 14:00 – 16:00 **Workshop on „Real Problems“**
NN (HOWOGE)

- 16:00 – 16:30 **Coffee Break**
- 16:30 – 17:30 **Talk and Discussion on Digital Solutions? What is state of the art in terms of costs and safety?**
N.N.
- 17:30 – 19:00 **Break**
- 19:00 – 21:00 **Buffet Dinner at IASS roof top**

WEDNESDAY, 15.05.2019 | Blockchain & Big Data

- 09:00 – 09:45 **Blockchain in Energy Systems**
Robert Kohrs (Fraunhofer ISE)
- 09:45 – 10:30 **Unintended Side Effects of Digitization in the Energy Transition**
Roland W. Scholz (ETH)
- 10:30 – 11:00 **Coffee break**
- 11:00 – 12:30 **Legal Aspects of Big Data**
Christine Lucha (Ecologic Institute)
- 12:30 – 14:00 **Lunch break**
- 14:00 – 16:00 **Risks of Digitization**
- 16:00 – 16:30 **Coffee break**
- 16:30 – 18:00 **Explaining Blockchain – the two Sides of the Medal of this Hype Technology**
Fabian Reetz (Stiftung Neue Verantwortung)
- 18:00 – 19:00 **Break**
- 19:00 – 21:00 **Buffet Dinner at IASS roof top**

THURSDAY, 15.05.2019 | Integrated Energy Systems

- 09:00 – 10:30 **Synchronisation & Adjustment of Industrial Processes to a volatile Energy Supply**
Stefan Seifermann. (PTW/TU Darmstadt)
- 10:30 – 11:00 **Coffee Break**
- 11:00 – 12:30 **Reducing Grid Reinforcement Cost by Intelligent Planning and Control**
Jan Ulfers (IEE)
- 12:30 – 13:30 **Lunch break**
- 13:30 – 14:30 **Transfer**
- 14:30 – 17:30 **Visit at EUREF Campus**
- 18:00 – **Evening in Berlin at own leisure**

FRIDAY, 17.05.2019 | Smart Digital Solutions

- 09:00 – 10:30 **Framing Talk on Smart Markets**
Alexander Dreher (IEE)
- 10:30 – 11:00 **Coffee break**
- 11:00 – 11:45 **What Kind of Market Design is needed for the Digitization?**
Fabian Reetz (Stiftung Neue Verantwortung)
- 11:45 – 12:30 **Digital Technologies and Decentralized Renewable Energy for Productive Use in Africa**
Grischa Beier (IASS)
- 12:30 – 14:00 **Lunch break**
- 14:00 – 16:00 **Participatory Stakeholder Empowerment**
Mascha Richter (Reiner Lemoine Institute)
- 16:00 – 16:30 **Coffee break**
- 16:30 – 17:30 **Wrap-up and Conclusions**
Ortwin Renn (IASS)
- 17:30 – 19:00 **Break**
- 19:00 – 22:30 **Farewell Party**

SATURDAY, 18.05.2019 | Departure day