

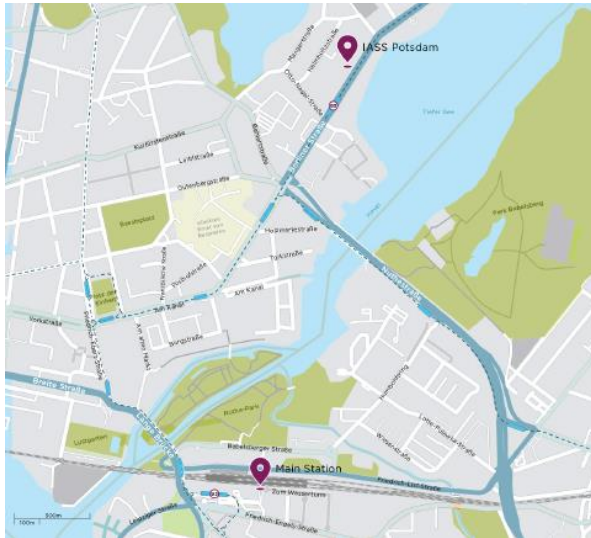
Venue

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.



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(Directions)

Contact (Project Coordination)

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Kopernikus-Project
Navigation System for the Energy Transition | ENavi

SUMMER SCHOOL 2019

The Digitisation of the Energy Transition
May 12 until May 18

GEFÖRDERT VOM



**Bundesministerium
für Bildung
und Forschung**

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 – 10:00 **Welcome and Setting the Scene**
Ortwin Renn (IASS)

10:00 – 10:30 **Introduction of Participants**

10:30 – 11:00 **Coffee Break**

11:00 – 12:30 **Intro by Carlo Jäger (Global Climate Forum/GCF)**
Between Digitisation and Sustainability -
Exploring a Transition of the Mobility Sector
Jahel Mielke & Sarah Wolf (GCF)

12:30 – 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 **Intelligent Charging of E-Vehicles**
Carsten Hoyer-Klick (DLR)

17:30 – 18:30 **Mobility Centre Models: Shifting the Modal Split**
Friederike Pfeifer (IKEM)

19:00 – 21:00 **Buffet Dinner at IASS Roof Top Terrace**

TUESDAY, 14.05.2018 | Smart Heat

09:00 – 10:30 **Smart Space Heating – CO2 Mitigation Costs**
and Payback Times of a Low-Investment
Measure for the German Building Stock
L. Cremonese, A. Marian, D. Schäuble, (IASS)

10:30 – 11:00 **Coffee Break**

11:00 – 12:30 **The Role of Flexible Heat Generation in a CO2-**
Neutral Energy System
Christoph Nölle (ISE)

12:30 – 14:00 **Lunch Break**

14:00 – 15:30 **Energy Efficiency and Use of Renewables in**
Buildings
Matthias Schmitz-Peiffer (HOWOGE Wärme GmbH)

15:30 – 16:00 **Coffee to Go**

16:00 – 19:00 **Time at Own Leisure**

19:00 – 21:00 **Buffet Dinner at IASS Roof Top Terrace**

WEDNESDAY, 15.05.2019 | Blockchain & Big Data

09:30 – 10:30 **Blockchain in Energy Systems**
Stefan Chantrel (Fraunhofer ISE)

10:30 – 11:00 **Coffee Break**

11:00 – 12:30 **Legal Aspects of Big Data in the Energy Sector**
Christine Lucha (Ecologic Institute)

12:30 – 14:00 **Lunch Break**

14:00 – 16:00 **Unintended Side Effects of Digitisation in the**
Energy Transition
Roland W. Scholz (ETH)

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 **Time at Own Leisure**

19:00 – 21:00 **Buffet Dinner at IASS Roof Top Terrace**

THURSDAY, 16.05.2019 | Integrated Energy Systems

09:00 – 10:30 **Energy Flexibility in Industrial Processes to match**
volatile Energy Sources
Alejandro Tristán, (IPA/Fraunhofer)

10:30 – 11:00 **Coffee Break**

11:00 – 12:30 **Reducing Grid Reinforcement Cost by Intelligent**
Planning and Control
Jan Uijffers (IEE)

12:30 – 13:30 **Lunch Break**

13:30 – 14:30 **Bus Transfer**

14:30 – 17:30 **Visit & Guided Tour at EUREF Campus**

18:00 – **Time at Evening in Berlin at Own Leisure**

FRIDAY, 17.05.2019 | Smart Digital Solutions

09:30 – 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**
Digitisation?
Fabian Reetz (Stiftung Neue Verantwortung)

11:45 – 12:30 **Exploring the Nexus of Decentralised Energy and**
Digital technologies in rural Africa
Kerstin Fritzsche & Luke Shuttleworth (IASS)

12:30 – 14:00 **Lunch Break**

14:00 – 15:30 **Participatory Stakeholder Empowerment**
Jonathan Amme (Reiner Lemoine Institute)

15:30 – 16:15 **Sustainability Issues of Digital Energy Systems**
& the Role of Citizen Participation
Daniela Wohlschlager (Research Center for Energy
Economics)

16:15 – 16:30 **Coffee Break**

16:30 – 17:30 **Wrap-up and Conclusions**
Ortwin Renn (IASS)

17:30 – 19:00 **Time at Own Leisure**

19:00 – 22:30 **Farewell Party**

SATURDAY, 18.05.2019 | Departure Day