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.

APPLICATION REQUIREMENTS

If you want to apply for the programme you will have to submit your CV and two reference persons by email. Please also express in your email 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:

enavismschool@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 the costs for 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 Konrad-Adenauer-Haus in Potsdam. There will be no tuition fee but participants have to organise their travel to and from Potsdam at their own expense.

Kopernikus-Project
Navigation System for the Energy Transition | ENavi

SUMMER SCHOOL 2019

The Digitalization of the Energy Transition
May 12 until May 18

Gefördert vom

Bundesministerium
für Bildung
und Forschung

Führungen durch das Berliner Museum für Architektur und Medien (BAM)
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
Johannes Mieleke & Andreas Geiges (GCF)
12:30 – 13:00 Intelligent Charging of EVehicles
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 Pfeifer (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 Schädle (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 Intersectoral Energy System Model REMOD
Christoph Nölle & 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?
NN.
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 Digitalization 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 Digitalization
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 Far 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 Digitalization?
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