

Summer School Smart & Sustainable Energy Systems

Week of
July 14-18, 2025

MONDAY

TUESDAY

WEDNESDAY

THURSDAY

FRIDAY

8 AM - 9 AM

**Breakfast and travel
to day location**

**Breakfast and travel
to day location**

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to day location**

**Breakfast and travel
to day location**

**Breakfast and travel
to day location**

9 AM - 12 AM

**Welcome Session
@ O-WERK Bochum**
Summer School Team

Excursion
*Exploration of a Key
Attraction in the Ruhr area*

Lecture
*Smart Energy, Metering &
Submetering*
Prof. Thorsten Schneiders

Excursion
*Fraunhofer Institut
Oberhausen*
Joachim Danzig

Lecture
Energy and Climate Policy
Prof. Andreas Löschel

12 AM - 1 PM

Lunch break

Lunch break

Lunch break

Lunch break

Lunch break

1 PM - 4 PM

Lecture
*Introduction Smart &
Sustainable Energy Systems*
Dr. Jonas Finke

Excursion
*Exploration of a Key
Attraction in the Ruhr area*

Lecture
*Home Automation & Smart Home/
Modelling of Energy Systems*
Prof. Thorsten Schneiders, Sascha Birk

Excursion
*Fraunhofer Institut
Oberhausen*
Joachim Danzig

Lecture
*Sustainable Production of
Materials in NRW with a
Focus on Steel and Cement*
Dr. Silke Johanndeiter

from 4 PM

Free time

Free time

Free time

Free time

Free time

TIME SCHEDULE

Summer School Smart & Sustainable Energy Systems

Week of
July 21-25, 2025

MONDAY

TUESDAY

WEDNESDAY

THURSDAY

FRIDAY

8 AM - 9 AM

**Breakfast and travel
to day location**

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to day location**

9 AM - 12 AM

Lecture
*Targeting Energy
Conservation*
Prof. Mark Andor

Activity
*Makerspace Tour
& Startup Insights*

Lecture
*Sustainable Production of
Materials in NRW*
Dr. Lukas Gast

Excursion
*Visit to the EUREF Campus
Düsseldorf*

Lecture
*Renewable Energies
in Politics*
Prof. Manfred Wannöffel

12 AM - 1 PM

Lunch break

Lunch break

Lunch break

Lunch break

Lunch break

1 PM - 4 PM

Lecture
*Requirements to Implement
"Expanded Producer
Responsibility" for E-Waste*
Klaus Hieronymi

Activity
*Makerspace Tour
& Startup Insights*

Lecture
*Sustainable Production of
Materials in NRW*
Dr. Lukas Gast

Excursion
*Düsseldorf Old Town Tour
& Sightseeing*

Closing & Certificates
Summer School Team

from 4 PM

Free time

Free time

Free time

Free time

Free time

TIME SCHEDULE