

# Summer School Smart & Sustainable Buildings

Week of  
August 3-7, 2026

MONDAY

TUESDAY

WEDNESDAY

THURSDAY

FRIDAY

8 AM - 9 AM

Breakfast and travel  
to day location

9 AM - 12 AM

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

**Excursion**

**Lecture**  
*Introduction to BIM*  
Nick Westendorf

**Excursion Industrial  
Partner**

**Lecture**  
*Modern Technologies (Sensorik, IoT,  
Automation System, Smart HVAC)*  
Prof. Dr.-Ing. Harry Hoster /Christian  
Thommessen

12 AM - 1 PM

**Lunch break**

**Lunch break**

**Lunch break**

**Lunch break**

**Lunch break**

1 PM - 4 PM

**Lecture**  
*Introduction to Smart and  
Sustainable Buildings*  
Dr.-Ing. Philipp Hagedorn

**Excursion**

**Lecture**  
*Introduction to Sustainability*  
Nick Westendorf

**Excursion Industrial  
Partner**

**Lecture**  
*Energy Efficiency (Energy Storage  
(Batteries, Thermal), Energy  
Management Systems (EMS))*  
Prof. Dr.-Ing. Harry Hoster /Christian  
Thommessen

from 4 PM

**Free time**

**Free time**

**Free time**

**Free time**

**Free time**

TIME SCHEDULE

# Summer School Smart & Sustainable Buildings

Week of  
August 10-14, 2026

MONDAY

TUESDAY

WEDNESDAY

THURSDAY

FRIDAY

8 AM - 9 AM

**Breakfast and travel  
to day location**

9 AM - 12 AM

**Lecture**  
*Smart Buildings and Smart  
Cities*  
Prof. Dr. Thomas Liebig

**Excursion**

**Lecture**  
*Case Study on Smart and  
Sustainable Buildings*  
Benedikt Faltin

**Workshop**  
*Hands-On-Smart Building  
Workshop – Solution and  
Creations*  
Jonas Maibaum, Daniel Napps

**Summary**  
Dr.-Ing. Philipp Hagedorn

12 AM - 1 PM

**Lunch break**

**Lunch break**

**Lunch break**

**Lunch break**

**Lunch break**

1 PM - 4 PM

**Lecture**  
*Smart Buildings and Smart  
Cities*  
Prof. Dr. Thomas Liebig

**Excursion**

**Workshop**  
*Case Study on Smart and  
Sustainable Buildings*  
Benedikt Faltin

**Workshop**  
*Hands-On-Smart Building  
Workshop – Solution and  
Creations*  
Jonas Maibaum, Daniel Napps

**Closing & Certificates**  
Summer School Team

from 4 PM

**Free time**

**Free time**

**Free time**

**Free time**

**Free time**

TIME SCHEDULE