Summer School Hydrogen Energy Technologies

Week of July 27-31, 2026

TIME SCHEDULE

	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
8 AM - 9 AM	**Breakfast and travel to day location**	**Breakfast and travel to day location**	**Breakfast and travel 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** *Visiting E.ON with a Tour of the Innovative Substation (Umspannwerk der Zukunft)* Fabian Ottinger	**Lecture** *Hydrogen Production Pathways* Prof. Peter Strenzel	**Activity** *Makerspace Tour & Startup Insights*	**Lecture** *Hydrogen Transport & Hydrogen Safety* Prof. Thorsten Schneiders/ Moritz End (MSc)
12 AM - 1 PM	**Lunch break**	**Lunch break**	**Lunch break**	**Lunch break**	**Lunch break**
1 PM - 4 PM	**Lecture** *Introduction to Hydrogen Energy Technologies* Prof. Lars Lauven	**Lecture** *Energy Grids for Affordable and Clean Energy – The Game Changer for Sustainable Mobility* Paul Katsch (E.ON)	**Lecture** *Webtool for Electrolyzer Design & Hydrogen Storage* Prof. Peter Strenzel	**Activity** *Makerspace Tour & Startup Insights*	**Lecture** *H2 mobility (cars, refuelling infrastructure), Modelling of electrolyzer systems with renewables power supply* Prof. Thorsten Schneiders/ Moritz End (MSc)
from 4 PM	**Free time**	**Free time**	**Free time**	**Free time**	**Free time**

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9 AM -12 AM	**Lecture** *Hydrogen in Chemical Industry & Green Amonnia and Fertilizers* Prof. Thorsten Schneiders	**Excursion**	**Lecture** *Sustainable Production of Materials in NRW* Dr. Lukas Gast	**Excursion** *Visit to the EUREF Campus Düsseldorf*	**Lecture** *Summary* Prof. Lars Lauven
12 AM - 1 PM	**Lunch break**	**Lunch break**	**Lunch break**	**Lunch break**	**Lunch break**
1 PM - 4 PM	**Lecture** *Green Steel/Other H2 applications (cement, glass, offgrid)* Prof. Thorsten Schneiders	**Excursion**	**Lecture** *Sustainable Production of Materials in NRW* Dr. Lukas Gast	**Excursion** *Visit to the EUREF Campus Düsseldorf*	**Closing & Certificates** Summer School Team
from 4 PM	**Free time**	**Free time**	**Free time**	**Free time**	**Free time**