

**INTERNATIONAL SUMMER SCHOOL - CEAD - CIRCULAR ENGINEERING ACROSS DISCIPLINES
2026 EDITION - RETHINKING ELECTRIFICATION: POWERING THE ELECTRIFIED EVERYTHING
ON-CAMPUS PROGRAMME**

SUNDAY 03-5-2026
8 p.m.

WELCOME DRINK AT HOTEL DE PLOEG | WITH GROUP ALLOCATION (=MANDATORY FOR ALL PARTICIPANTS)

MONDAY 04-5-2026		TUESDAY 05-5-2026		WEDNESDAY 06-5-2026	
MORNING at University campus Diepenbeek building H - Room D205		MORNING at University campus Diepenbeek building H - Rooms D204 & D205		MORNING at EnergyVille 1, Thor Park, Genk, bus transfer offered by the organisation	
09.30-10.00 h	KICK-OFF	09.30-13.00 h	MODULE 1 Electrifying Intelligence: Co-designing AI Tools for Solar PV with Generative AI <i>by Dr. David Moser & Mr. Mousa Sondoqah (Becquerel Institute), Room D204</i>	09.30-13.00 h	MODULE 5 Powering the Electrified World: Designing Reliable and Intelligent Power Conversion Systems <i>by Prof. Ehsan Jamshidpour (Lorraine University) Room Wind</i>
10.00 - 11.00 h	KEYNOTE AI and the energy transition: How AI is reshaping the electricity grid <i>by Mrs. Brida Mbuwir (VITO)</i>		OR		MODULE 6 Thanks Copper, Hello Silicon: Re-Engineering Power Systems for a Fully Electrified World <i>by Prof. Wilmar Martinez (KU Leuven) Room Earth</i>
11.15 - 12.30 h	PRESENTATION OF THE FACULTY <i>by Mrs. Karine Evers</i>		MODULE 2 New challenges and modern tools on solar resource and forecasting <i>by Prof. Andreas Kazantzidis (University of Patras) Room D205</i>		LUNCH BREAK lunch offered by the organisation in the cafeteria of building H, campus Diepenbeek
12.30-14.00 h	LUNCH BREAK lunch offered by the organisation in the cafeteria of building H, campus Diepenbeek	13.00-14.30 h	LUNCH BREAK lunch offered by the organisation in the cafeteria of building H, campus Diepenbeek	13.00-14.00 h	LUNCH BREAK lunch offered by the organisation in EnergyVille
AFTERNOON at University campus Diepenbeek building D - Room H5		AFTERNOON at University campus Diepenbeek building H - Room D204 & D205		AFTERNOON at Corda Campus, Hasselt bus transfer offered by the organisation	
14.00-15.30 h	Silent power, for a noisy universe <i>by Dr. Robbe Breugelmans (Hasselt University)</i>	14.30-18.00 h	MODULE 3 Material challenges in the energy transition: from mining to recycling <i>by Prof. Jan Ivens, Mrs. Yixue Zhang (KU Leuven) Room D204</i>	14.00-18.00 h	Energy in Limburg <i>by Mrs. Annelies Gorissen (POM Limburg) Corda Conference</i>
15.45 - 18.00 h	Building the energy transition at sea <i>by Mr. Basile Dewaegenaere (Senior Recruiter), Mr. Maarten Lozie (Electrical Manager Offshore), Mr. Mathiez Stulens (Hydrographic Surveyor) (Jan De Nul)</i>		OR		MODULE 4 Flexible Electrification: Smart industry in an electrified energy system <i>by Dr. David Banasiak (Technical University of Leoben) Room D205</i>
		19.00- ...	GROUP DINNER at CCHA Theatercafé, Kunstlaan 5, 3500 Hasselt	18.00-19.00 h	bus transfer to campus Diepenbeek offered by the organisation

**INTERNATIONAL SUMMER SCHOOL - CEAD - CIRCULAR ENGINEERING ACROSS DISCIPLINES
2026 EDITION - RETHINKING ELECTRIFICATION: POWERING THE ELECTRIFIED EVERYTHING
ON-CAMPUS PROGRAMME**

THURSDAY 07-5-2025		FRIDAY 08-05-2026	
	MORNING at University campus Diepenbeek, building H - Rooms Makerspace & D105		MORNING at University campus Diepenbeek, building H - Room E107
09.30-13.00 h	MODULE 7 Metamaterials: reconciling lightweight ecological design with good noise and vibration <i>by Prof. Elke Deckers, Mr. Kristof Steijvers, Mrs. Alara Karaman, Mr. Lucas Van Belle (KU Leuven - Room D105)</i> OR MODULE 8 Solar Design for a Circular Economy: Making PV Modules Easy to Recycle <i>by Prof. Patrizio Manganiello, Mr. Mihir Mahajan, Mr. Arvid Van der Heide, Mr. Hamed Javanbakht Lomeri (Hasselt University) Makerspace</i>	09.30-13.00 h	EVALUATION Final presentation of group work before a jury and peers
13.00-14.30 h	LUNCH BREAK (not catered)	13.00-14.30 h	LUNCH BREAK (not catered)
14.30- ...	REST OF THE DAY extra time for self-study - preparation evaluation <i>wherever you want</i>	14.30-15.30 h	AFTERNOON at University campus Diepenbeek, building H - Room B210 GENERAL WRAP-UP

