

**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	Thursday 07-5-2025	Friday 08-5-2025
	MORNING at University campus Diepenbeek building H - Room D205	MORNING at University campus Diepenbeek building H - Rooms D204 & D205	MORNING at EnergyVille, Thor Park, Genk, bus transfer offered by the organisation	MORNING at University campus Diepenbeek, building H - Rooms Makerspace & D105	MORNING at University campus Diepenbeek, building H - Room E107
09.30-10.00 h	KICK-OFF				
10.00 - 11.00 h	KEYNOTE AI and the energy transition: How AI is reshaping the electricity grid by Mrs. Brida Mbuwir (VITO)	09.30-13.00 h MODULE 1 Electrifying Intelligence: Co- designing AI Tools for Solar PV with Generative AI by Dr. David Moser & Mr. Mousa Sondoqah (Becquerel Institute), Room D204 OR MODULE 2 New challenges and modern tools on solar resource and forecasting by Prof. Andreas Kazantzidis (University of Patras) Room D205	09.30-13.00 h MODULE 5 Powering the Electrified World: Designing Reliable and Intelligent Power Conversion Systems by Prof. Ehsan Jampshidpour (Lorraine University) Room Wind OR MODULE 6 Thanks Copper, Hello Silicon: Re- Engineering Power Systems for a Fully Electrified World by Prof. Wilmar Martinez (KU Leuven) Room Earth	09.30-13.00 h MODULE 7 Metamaterials: reconciling lightweight ecological design with good noise and vibration by Prof. Elke Deckers, Mr. Kristof Steijvers, Mrs. Alara Karaman, Mr. Lucas Van Belle (KU Leuven) Room D105 OR MODULE 8 Solar Design for a Circular Economy: Making PV Modules Easy to Recycle by Prof. Patrizio Manganiello, Mr. Mihir Mahajan, Mr. Arvid Van der Heide (Hasselt University) Makerspace	09.30-13.00 h EVALUATION Final presentation of group work before a jury and peers
11.15 - 12.30 h	PRESENTATION OF THE FACULTY by Mrs. Karine Evers				
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	LUNCH BREAK (not catered)	13.00-14.30 h LUNCH BREAK (not catered)
	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	REST OF THE DAY extra time for self-study - preparation evaluation wherever you want	AFTERNOON at University campus Diepenbeek, building H - Room B210
14.00	Silent power, for a noisy universe by Dr. Robbe Breugelmans (Hasselt University)	14.30-18.00 h Material challenges in the energy transition: from mining to recycling by Prof. Jan Ivens, Mrs. Yixue Zhang (KU Leuven) Room D204 OR MODULE 4 Flexible Electrification: Smart industry in an electrified energy system by Dr. Kerstin Pflieger-Schopf (Technical University of Leoben) Room D205	14.30-18.00 h Energy in Limburg by Mrs. Annelies Gorissen (POM Limburg) Corda Conference international Master in Energy Engineering Technology (IMEET) by Prof. Bart Vermang (Hasselt University) Corda conference COMPANY VISIT Ch@teau Corda by Mr. Ghislain Houben (Ch@teau Corda)		14.30-15.30 h GENERAL WRAP-UP
15.45 - 18.00 h	Building the energy transition at sea by Mr. Basile Dewaegnaere (Senior Recruiter), Mr. Maarten Lozie (Electrical Manager Offshore), Mr. Mathiez Stulens (Hydrographic Surveyor) (Jan De Nul)				
18.00-19.00 h			bus transfer to campus Diepenbeek offered by the organisation		
19.00- ...		group dinner at location to be decided			