Postgraduate Program accredited by HAHE

DEPARTMENT
OF CULTURAL
TECHNOLOGY
& COMMUNICATION

M.Sc.
in Digital Deep-Tech Driven Circular Economy

Timetable Winter Semester
2026-2027

Module UA-MC1							
	M	**T**	**W**	**T**	**F**	**S**	**S**
September 2026		1	2	3	4	5	6
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November 2026							1
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December 2026		1	2	3	4	5	6
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February 2027	1	2	3	4	5	6	7
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Guest Lecturer Programme per Lecture (Module UA-MC1)				
Week	**Date & Time (CET)**	**Lecture Title**	**Entity**	**Speaker Full name**
1st	**19/10** (17:00-20:00)	Introduction on Circular Economy as a driver towards sustainable development	POLIMI / SmartUse	Alessia Boscarato/ Cynthia Reynolds
2nd	**26/10** (17:00-20:00)	Circular Economy adoption at nano, micro, meso and macro, meta level: practices and industrial cases	POLIMI	Alessia Boscarato
3rd	**02/11** (17:00-20:00)	Circular transition in key sectors: industrial practices, case studies and societal readiness levels	SmartUse	Cynthia Reynolds
4th	**09/11** (17:00-20:00)	Political and social stakes of the circular economy and sustainability	TUDO	Meike Schmidt-Gleim
5th	**16/11** (17:00-20:00)	Resources optimization for circular ecosystems	ZELUS	Maria Zoidi, Maria Bouloukaki
6th	**23/11** (17:00-20:00)	Monitoring and assessing the performances: the circular transition metrics	UM	Prof. Dr. Rebeka Kovačič Lukman, Kristijan Brglez
7th	**30/11** (17:00-20:00)	The use of digital tools for circularity readiness assessment of industries	DTU	Giovana Monteiro Gomes
8th	**07/12** (17:00-20:00)	Internet of Things (IoT) in the Circular Economy	UiO	Areeb Asad
9th	**14/12** (17:00-20:00)	Valorising data usage to boost the circular transition	E CIRCULAR	Anh Dao
10th	**21/12** (17:00-20:00)	Exploring operational and information technologies for boosting the circular transition	WU	Hilmy Baja
11th	**11/01** (17:00-20:00)	Introduction to GDPR basic principles	UAegean	Christos Kalloniatis
12th	**18/01** (17:00-20:00)	Job profiles and work practices to embrace the circular principles based on speculative design	TUDO	Meike Schmidt-Gleim
13th	**25/01** (17:00-20:00)	Ecological thought: Thinking beyond anthropocentrism and nature	TUDO	Meike Schmidt-Gleim

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Module UA-MC2							
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Guest Lecturer Programme per Lecture (Module UA-MC2)				
Week	**Date & Time (CET)**	**Lecture Title**	**Entity**	**Speaker Full name**
1st	**20/10** (17:00-20:00)	DPPs Fundamentals	E CIRCULAR	Anh Dao
2nd	**27/10** (17:00-20:00)	Challenges and opportunities in DPP adoption	UAegean	Konstantinos Kotis
3rd	**03/11** (17:00-20:00)	Drivers and barriers for the development of DPPs	UiO	Amir Tahirkordi, Peiyuan Guan
4th	**10/11** (17:00-20:00)	Integrating LCA into Digital Product Passports	UM	Prof. Dr. Rebeka Kovačič Lukman, Kristijan Brglez
5th	**20/11** (17:00-20:00)	Developing a DPP: an example from the textile sector	POLIMI	Roberto Rocca
6th	**24/11** (17:00-20:00)	Extension of DPP to Product Service Systems	ATB	Christoph Baier
7th	**01/12** (17:00-20:00)	Digital Product Passports and traceability in circular value chains	CEA	Mehdi Boukallel
8th	**08/12** (17:00-20:00)	Product Traceability	UNINOVA	José Ferreira
9th	**15/12** (17:00-20:00)	Digital Product Passports and EU regulatory compliance: a legal-policy perspective	CEF	Dr Ioannis Basdekis
10th	**22/12** (17:00-20:00)	Communicating circularity: labelling, marketing claims, and greenwashing risks	CEF	Dr Anastasia Vayona
11th	**12/01** (17:00-20:00)	Digital Product Passports in practice: solutions, data and stakeholders	SmartUse	Cynthia Reynolds
12th	**19/01** (17:00-20:00)	Implementation approaches for DPPs: Blockchain	ZELUS	Dora Kallipolitou
13th	**26/01** (17:00-20:00)	Trust mechanisms for the Circular Economy	CIRCULARISE	Serena Gariboldi

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Module UA-MC3							
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Guest Lecturer Programme per Lecture (Module UA-MC3)				
Week	**Date & Time (CET)**	**Lecture Title**	**Entity**	**Speaker Full name**
1st	**23/10** (17:00-20:00)	Introduction to Standardization and Digital Circular Economy	CYS	Angeliki Loizou
2nd	**30/10** (17:00-20:00)	EU policy architecture for the circular and digital transition	UAegean	Panagiotis Psomos
3rd	**04/11** (17:00-20:00)	Navigating EU regulatory landscape for strategic circular and digital business transformation	EPBS	Vlatka Katusic
4th	**13/11** (17:00-20:00)	Digital Circular Economy concepts in International and European Standards	CYS	Christiana Aristidou
5th	**18/11** (17:00-20:00)	Navigating a shifting regulatory landscape for circularity	Circularise	Serena Gariboldi
6th	**25/11** (17:00-20:00)	Global Governance and Climate Law	TUDO	Meike Schmidt-Gleim
7th	**02/12** (17:00-20:00)	Ecological law, Ecocide and Corporate Accountability	TUDO	Meike Schmidt-Gleim
8th	**09/12** (17:00-20:00)	Sustainability Due Diligence and standardization in the EU Circular Economy: From Policy to Business Practice	UMA	Carmen de Vivero de Porras
9th	**16/12** (17:00-20:00)	Digital Product Passport (DPP) implementation and strategic policy integration	CEF	George Alexandris
10th	**23/12** (17:00-20:00)	Case Studies: linking policies to life cycle phases and corporate strategies	SmartUse	Cynthia Reynolds
11th	**13/01** (17:00-20:00)	Measuring Impact: Standards for Circular Economy Assessment and Reporting	CYS	Marios Mavrogiannos
12th	**20/01** (17:00-20:00)	Understanding EU AI Act	DBL	Elisa Spiller
13th	**27/01** (17:00-20:00)	Future directions and policy implications	CYS	Marios Mavrogiannos / Elena Demosthenous

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Module UA-TC1							
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Week	**Date & Time (CET)**	**Lecture Title**	**Entity**	**Speaker Full name**
1st	**22/10** (17:00-20:00)	Introduction to Artificial Intelligence	WU	Leandro Stival
2nd	**29/10** (17:00-20:00)	Agents, Robotics and Sensors	CEA	Mehdi Boukallel
3rd	**05/11** (17:00-20:00)	Learning without priors: KNNs and Decision Trees	WU	Vassilis Sitokonstantinou
4th	**12/11** (17:00-20:00)	Learning without priors: Ensembles and random forests	WU	Vassilis Sitokonstantinou
5th	**19/11** (17:00-20:00)	Model Reuse and Validation	WU	Ricardo da Silva Torres
6th	**03/12** (17:00-20:00)	Data for AI in Circular Economy	ATB	Christoph Baier
7th	**04/12** (14:00-17:00)	Application of AI in Circular Economy	UMA	Francisco Ortega Zamorano and Enrique Dominguez
8th	**10/12** (17:00-20:00)	Automation in sustainable manufacturing	CEA	Mehdi Boukallel
9th	**17/12** (17:00-20:00)	Machine learning for resource optimisation	UM	Dalibor Igrec, Amor Chowdhury
10th	**07/01** (17:00-20:00)	Robotics for Recycling	HYPE	Ashish Mohite
11th	**14/01** (17:00-20:00)	Cognitive digital twins in circular value chains	MAG	Kostas Kalaboukas
12th	**21/01** (17:00-20:00)	Case Studies: Deep Learning in Circular Economy	UNL	Vasco Delgado-Gomes
13th	**28/01** (17:00-20:00)	Research Directions of AI in CEE	UiO	Areeb Asad

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