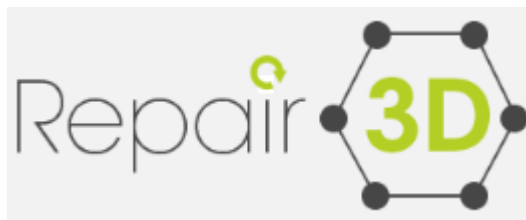


Repair3D Summer School



Recycling and Repurposing of Plastic Waste for Advanced 3D Printing Applications

DAY 1: Tuesday, 13th of September

Time	Presentation	Speaker
9.00	Departure from hotel (at Lavrion/Sounion)	
Introductory Session		
9.30-10.00	Welcome to the Repair3D Summer School 2022	Isella Vicini-WH (Project Coordinator) Prof. Costas Charitidis -NTUA (Scientific Coordinator) Assimakis Chadoumelis -LTCP (Summer School Organiser)
10.00-10.30	Introduction to EU Framework	Stefania Melandri - WH
10.30-11.00	Innovation and IPR Management	Bojan Boskovic - CNAT
11.00-11.30	Introduction to Repair3D Project	Dr. Kate Trompeta - NTUA
11.30-12.00	Coffee Break	
Recycling Session		
12.00-12.30	Plastics Circularity in EU	Marjan Ranogajec– EuPC
12.30-13.15	Plastics Waste Management Practices and Recycling Technologies	Prof. Ludwig Cardon - UGENT
13.15-14.00	Chemical Recycling Technologies	Dr. Tanja Kosanovic - NTUA
14.00-15.00	Lunch Break	
15.00-15.30	Digital tracing in plastics recycling	Sara Cavinato - TECHEDGE
Live Demonstration Session <i>(in groups)</i>		
15.30-17.30	Shredding, Extrusion, Characterisation Activities 3D Printing Activities & Exposure Assessment	NTUA BIOG3D – IRES - ITENE
17.30-20.00	Free time in Lavrion City	
20.00	Dinner at “To Steki tou Mina”	Offered by LTCP

Repair3D Summer School



Recycling and Repurposing of Plastic Waste for Advanced 3D Printing Applications

DAY 2: Wednesday, 14th of September

Time	Presentation	Speaker
9.30-9.45	Welcome to the Repair3D Summer School 2022 Day 2 Opening of the Agenda	Dr. Vasileios Protonotarios – LTCP (Summer School Organiser)
Product Development Session: Customer products developed via 3D printing technologies		
9.45-10.30	Carbon materials used in 3D Printing Technologies for sensing applications	Sofie Huysman- CENTEXBEL Speaker – NTUA
10.30-11.15	Automotive parts produced via Advanced 3D Printing Technologies with recycled materials	Marah Baddour – UGENT Speaker - MAIER (TBC)
11.15-11.30	Coffee	
11.30-12.15	Design for AM: Introduction, main principles and case study	Vaia Tsiokou, Panagiotis Zouboulis - BIOG3D
Cultural Session		
12.30-13.30	Visit at Lavrion Museum - Tour at Technological Park	
13.45-14.30	Lunch Break	
14.30-15.30	Visit at Lavrion Museum - Tour at Technological Park	
15.30 – 16.00	Coffee	
Safety Session		
16.00-16.45	Fused Filament Fabrication 3D printing: Quantification of airborne exposure hazards	IRES
16.45-17.30	Safety Aspects in 3D Printing with Recycled Materials (TBC)	GIOTIS