

CHEMREC I

1st International Conference on Thermochemical Recycling of Plastics

**Malaga, Spain
28 April - 2 May 2024**

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Monday, April 29, 2024

07:00 – 08:30	Breakfast
08:30 – 08:50	Welcome and Conference Opening M. Pilar Ruiz, Maastricht University, The Netherlands...N/A
08:50 – 09:25	PLENARY: Chemical recycling of plastics via hydrothermal depolymerisation Patrick Biller, Aarhus University, Denmark...1
09:25 – 10:00	PLENARY: Chemical Recycling R&D at scale Geoff Smith, Itero, UK...2

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10:20 – 10:40	O103-Single vs Double Stage Pyrolysis of Plastic Waste - Experiments, Characterization, and Techno-Economic Analysis Maddalena Laghezza, ICFAR/Western University, Canada...4
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11:30 – 11:50	O139- Thermochemical Recycling of Household Plastic Waste. Run Ze Cao, University of Western Ontario, Canada...6
11:50 – 12:10	O143- Model and experimental assessment during pyrolysis of different polymers from the waste stream of a composting plant. Davide Sorino, University of Rome Tor Vergata, Italy...7

TOPIC: GASIFICATION

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12:30 – 12:50	O133- Make waste a resource: Thermal cracking for the valorization of mixed plastic waste. Surika van Wyk, TNO, The Netherlands...9
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Antonio Jaime-Azuara, Aalborg University, Denmark...11
- 14:40 – 15:00 O138- Hydrolysis of PET: Increasing the monomer recovery by recirculating the aqueous phase.
Aiman Shabbir, Aalborg University, Denmark...12
- 15:00 – 15:20 O106- Valorization of Mixed Plastic Waste Using Subcritical Wet Oxidation for Feedstock Recycling into Carboxylic Acids: Assessment and Future Scale-up Perspectives.
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- 16:00 – 17:30 Poster session and social time
- Dinner on your own

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TOPIC: FUNDAMENTALS

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15:40 – 17:10 Poster session and social time

Dinner on your own

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