



Sustainable production and recycling of plastics: process, product and technological innovations

Production of plastics continues to consume large amounts of virgin fossil feedstocks that are responsible for significant volumes of waste discarded on landfills, contaminating oceans or finishing up their product lives at incineration units. In contrast to the make, use, then dispose business model of linear economy, in the circular economy we are challenged to keep resources in use for as long as possible, extract the maximum value from them whilst in use, then recover and regenerate products and materials at the end of their life. The seminar highlights industrial challenges, points to promising renewable paths, and shares promising evidence on process, product and technological innovations towards the circular economy model and a sustainable-by-design supply chain.

PROGRAM

- 14:00 **Welcome and introduction**
Prof. Antonis Kokossis, Chair Section on Sustainability
Boelo Schuur, EFCE Scientific Vice-President
- 14:10 **Tackling plastic waste in the framework of the new circular economy action plan**
Prof. Antonis Kokossis, National Technical University of Athens - Greece
- 14:40 **Biodegradability 2.0: a holistic approach towards polymer biodegradation in natural and engineered environments**
A. Kuenkel, Vice President Biopolymer Research, BASF
- 15:10 **Technologies for circular economy of polymers**
Prof. D. Collias, Former Senior Director & Research Fellow, Circular Economy, P&G
- 15:40 **Round-table and Conclusion**
Prof. Antonis Kokossis, Chair Section on Sustainability

[REGISTRATION](#)

free of charge but mandatory

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