

Workshop 7

TITLE:

Plastics and Environment

CONVENERS

- Markus Gahleitner (Borealis Polyolefine GmbH, Austria)
- Daniele Caretti (Bologna University, Italy)

WORKSHOP ORGANIZING COMMITTEE:

- Michele Laus (East Piemonte University, Italy, AIM and EPF)
- Davide Comoretto (Genoa, University, Italy)
- Paola Rizzo (Chemistry Department, Salerno University, Italy) prizzo@unisa.it
- Roberto Pantani (Industrial Engineering Department, Salerno University, Italy) rpantani@unisa.it

ORGANIZED BY:

- AIM (Italian Association of Science & Technology of Macromolecules)

PATRONAGE and SUPPORT BY:

- AIM (Italian Association of Science & Technology of Macromolecules)
- 10 fellowships for young researchers in the field of macromolecular science are available (see www.aim.it for details)

SHORT DESCRIPTION:

- The focus of the public opinion on the negative effects of plastics on our environment has created the strong need of a clear answer from the scientific community on topics such as material recycling and reduction of the carbon footprint, during production and life cycle. Multiple and completely new cross competence research areas are being established all over the world. On top of this, legislation is also very active in trying to define strict directions that should protect and preserve our modern society.
- Aim of the workshop is to bring together researchers and stakeholders from industry and society, to have a critical view on the complexity of the material life cycle and obstacles encountered during recycling. This would help into defining the current situation and create the bases for a better vision of the world we are contributing to shape.

CALL FOR ABSTRACT:

See general indications for the conference, indicate WS7 or Plastics and Environment.

PROGRAMME OF THE WORKSHOP:

The symposium will include 2 invited lecture, 4 keynotes and 10 oral communication apart a poster session

SPEAKERS and PROGRAMME:

Invited Speaker 1:

Alexandra Alburnia (Borealis)

“Polyolefin solutions for a sustainable future”

Invited Speaker 2:

Michael Meier (Karlsruhe Institute of Technology KIT)

“Renewability is not Enough: Sustainable Synthesis of Biomass-derived Monomers and Polymers”

Keynotes speakers:

Antonio Protopapa (Corepla)

“The new challenges in the recycling of plastic packagings”

Kim Ragaert (University of Ghent)

“Product design tools for Circular Plastics”

Giampaolo Pellegatti (Lyondellbasell)

“How the innovative talent bridges polymerization technology, sustainable trends and customer needs”

Armando Galeotti – Versalis R&D New Technological Platform

“Different ways to close the circularity loop: the perspective of a polymer producing chemical company”