

Chronicle

“Polymers Processing in Engineering”

International Conference –
PPE 2015”

GALAȚI 2015 – Third Edition



Between 24 and 26 September 2015, the Faculty of Engineering, “Dunărea de Jos” University of Galați, organised the 3rd edition of the international conference entitled “Polymers Processing in Engineering – PPE 2015”, under the aegis of the Romanian Academy of Technical Sciences and of AGIR.

Polymeric materials play a very important role in the field of research, development and innovation, which is why PPE 2015 brought to the attention of specialists new materials, techniques and calculus programmes for simulating prefabrication processes, the tribological behaviour of various components and the evolution tendencies of plastic materials prefabrication technologies.

The 3rd “Polymers Processing in Engineering” international conference continues, at a different level, the series of scientific manifestations in the field organised at “Dunărea de Jos” University of Galați: 2005 Workshop – *Progresses in processing plastic materials*, at its eighth edition in 2015; 2006 – First national symposium on *Plastic Materials Processing – P.M.P.*; 2007 and 2009 International Conferences – *Polymers Processing in Engineering – PPE*.

The PPE 2015 International Conference featured the following sections:

- Polymer processing, rheology & rheometry
- Biopolymers & biotechnologies
- Nanopolymers & nanotechnologies
- Polymers, functional surfaces and bio-material interfaces
- Properties of polymers, including thermal, surface and adhesion
- Surface modification of polymers
- Green polymers, reprocessing & recycling
- Mechanical behaviour of polymers and polymer composites
- Fracture mechanics of polymers & polymer composites
- Reliability & testing methods
- Product, mould design, & manufacturing processes
- Applications of polymers in industry
- Computational polymers & polymer composites.

Invited papers, appreciated by all those present, were delivered in the opening session of the conference by: the president of the conference, Professor Loredana Santo from Tor Vergara University of Rome, Italy (*Recent Developments in the Field of Shape Memory Polymer Foams and Composites*) and Professor Constanța Ibaneșcu from “Gheorge Asachi” Technical University of Iași (*Rheology – Trends and Challenges in the Training and Research Platform of the “Gheorge Asachi” Technical University of Iași*). Another very interesting presentation was made by Dr. Paul Lazăr: *New Trends in Polymer Characterization Using TA Instruments Technologies*.

Approximately 50 researchers from Italy, Poland and Romania participated in the third edition of PPE – 2015 conference. The conference proceedings will be published in Key Engineering Materials Trans Tech Publications indexed by Elsevier.

The prize for the most valuable paper was awarded to the team from Tor Vergata University of Rome (Giovanni Matteo Tedde, Denise Bellisario, Loredana Sato, Fabrizio Qudrini), for the paper entitled *Microsculpturing of Polymeric Surfaces by Compression Molding*.

The sponsors of the conference were: Crimec SA Galați; Bureau Veritas Romania International Control, Galați; Damen Shipyard Galați; Grupomet SA Buzău; Arcelor Mittal; Uzinsider Engineering SA Galați; Rofarom SRL Miercurea Ciuc; Bumbas Electric SRL Bucharest; Sartorom Impex SRL Bucharest.

The next edition of the “*Polymers Processing in Engineering – PPE*” conference will be organised in September 2017 at the Faculty of Engineering, Galați.

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