



WEDNESDAY September 30th, 2009

08.30–09.15 **Registration**

09.15–09.30 **Congress opening ceremony**

Session 1. Chairperson: Luc Avérous

Invited Lectures

09.30–10.10 **IL1 Alessandro Gandini.** Furan monomers and furan chemistry at the service of polymer science

10.10–10.50 **IL2 Sigbritt Karlsson.** Resource and environmental aspects of sustainable biocomposites

10.50–11.20 **Coffee break**

Session 2. Chairperson: Sigbritt Karlsson

Oral Communications

11.20–11.40 **OC1 Mohamed Ragoubi.** Evaluation of thermal degradation and dynamic mechanical properties of PP / hemp fibres composites: fibre plasma modification

11.40–12.00 **OC2 Sergio Torres Giner.** Electrospun cross-linked collagen nanofibers as novel bone tissue interfaces

12.00–12.20 **OC3 Eric Pollet.** Polyhydroxyalkanoates thermal degradation: catalytic effect of the ammonium surfactants found in nano-biocomposites based on clays

12.20–12.40 **OC4 Amparo López-Rubio.** On the plastifying effect of β -carotene in biopolyester matrices

12.40–13.00 **OC5 Aysegul Oncul.** Synthesis of graft copolymer of ethylmethacrylate onto polydichlorophosphazene and its ultrasonic degradation

13.00–13.20 **OC6 Dora Coelho.** Thermoreversible polymers based on the Diels-Alder reaction between furan and maleimide monomers. 2. AB monomers and A_2B_3 systems

13.20–13.40 **OC7 Ali Mansri.** Citric acid/starch catalysed sterification

13.40–15.15 **LUNCH BREAK**

Session 3. Chairperson: Alessandro Gandini

Invited Lectures

15.15–15.55 **IL3 Lars Berglund.** Nanocelluloses - unique polymeric building blocks for nanostructured polymer systems

Oral Communication

15.55–16.15 **OC8 Giovanni Camino.** PLA and PCL nanocomposites preparation and biodegradation

16.15–16.35 **OC9 José Badía.** Thermal analysis applied to the characterization of degradation in soil of polylactide: I. Calorimetric and viscoelastic analysis

16.35–18.00 **Coffee break and Poster Session 1**

21.00–23.00 **CONFERENCE COCKTAIL-DINNER at Santa Barbara Castle**



THURSDAY October 1st, 2009

Session 4. Chairperson: David Plackett

Invited Lectures

09.15–09.55 **IL4 Luc Avérous.** Nano-biocomposites: agropolymer/nanoclay systems

09.55–10.35 **IL5 José M. Kenny.** Processing and characterization of PLGA-carbon nanotube nanocomposites for bone tissue engineering

Oral Communications

10.35–10.55 **OC10 Verónica P. Martino.** Development and characterization of nano-biocomposites based on plasticized poly(lactic acid) and organomodified montmorillonite

10.55–11.15 **OC11 Reinhard Forstner.** How to shift toughness of PLA into non break area and create high impact flax fibre reinforcements

11.15–11.45 **Coffee break**

Session 5. Chairperson: Jean-Marie Raquez

Oral Communications

11.45–12.05 **OC12 Sandra Domének.** Influence of plasticization on barrier properties of poly(lactic acid)

12.05–12.25 **OC13 Gael Colomines.** Influence of the recrystallization conditions on the crystallinity and barrier properties of polylactide acid (PLA) food packaging films

12.25–12.45 **OC14 Natacha Bitinis.** Development of new biodegradable nanocomposites based on polylactic acid / natural rubber blends for packaging applications

12.45–13.05 **OC15 Sergio Bocchini.** Nano-biocomposites based on poly(lactic acid)-poly(hydroxybutyrate) blends

13.05–13.25 **OC16 Mónica Gomes.** Polyesters from renewable resources based on furan monomers: alternative materials to aromatic counterparts

13.25–15.00 **LUNCH BREAK**

Session 6. Chairperson: José M. Kenny

Invited Lectures

15.00–15.40 **IL6 Gennady E. Zaikov.** Biodegradation and medical application of microbial poly(3-hydroxybutyrate)

Oral Communications

15.40–16.00 **OC17 Béla Iván.** New ways for blending biodegradable polymers with poly(vinyl chloride)

16.00–16.20 **OC18. Antonio Greco.** Secondary plasticizers for PVC obtained from cardanol

16.20–16.40 **OC19 Jessica Donate-Robles.** Improved properties of formol-phenolic adhesive by adding natural-based fillers

16.40–18.15 **Coffee break and Poster Session 2.**



FRIDAY October 2nd, 2007

Session 7. Chairperson: Lars Berglund

Invited Lectures

09.15–09.55 **IL7 David Plackett.** Nanocellulose-reinforced bioplastics – prospects for further development

09.55–10.35 **IL8 Jean M. Raquez.** Recent development of novel (bio)polymers and related composites implemented by reactive extrusion

Oral Communications

10.35–10.55 **OC20 José M. Lagarón.** High Barrier Nanocomposites of Biopolyesters, Proteins and Polysaccharides for Coating and Packaging Applications

10.55–11.15 **OC21 Déborah Le Corre.** Starch nanoparticles for eco-efficient packaging: influence of botanic origin

11.15–11.45 **Coffee break**

Session 8. Chairperson: José M. Lagarón

Oral Communications

11.45–12.05 **OC22 M.C. Matos.** Olive stone as a renewable source of biopolyols

12.05–12.25 **OC23. Ana G. Cunha.** Simple and quick method to prepare highly hydrophobic cellulosic materials by vapor-phase reaction with chlorosilanes

12.25–12.45 **OC24 Ariadna Díaz-Tahoces.** Development of a method for biodegradability evaluation on leather used in the footwear industry

12.45–13.05 **OC25 J.S. Amaral.** Chitosan as an antimicrobial agent for footwear leather components

13.05–13.30 **Concluding remarks, presentation of BIOPOL-2011 and closure of the conference**

16.30–19.00 **VISIT and FAREWELL COCKTAIL at MARQ (Archaeology Museum)**
