Preface

E. C. Muniz¹, E. F. Lucas^{2*}

¹Department of Chemistry, Maringá State University, Av. Colombo, 5790 - 87020900, Maringá, Brazil

²Institute of Macromolecules, Federal University of Rio de Janeiro, Av. Horacio Macedo, 2030 - 21941598, Rio de Janeiro, Brazil

Dear Readers,

You are reading the Special Issue of *eXPRESS Polymer Letters* devoted to 10th Brazilian Polymer Congress (10th CBPol). The CBPol has been occurring since 1991, at every 2 years, as a regular meeting of Brazilian community that has been attracting people from other countries. The 10th Brazilian Polymer Congress was held in Foz do Iguassu, Brazil, in October 13–17, 2009 and was attended by 1,026 professors, researchers, students, and professionals. The subjects were distributed in parallel sessions comprising: (1) Composites and nanocomposites; (2) Degradation and recycling; (3) Biopolymers; (4) Structure and properties; (5) Characterization techniques and standardization; (6) Polymeric biomaterials; (7) Synthesis and process of polymerization; (8) Polymer blends; (9) Technological development; (10) Special applications; and (11) Technical lectures. A total of 9 invited lectures, 22 key-notes, 122 oral presentations and 721 posters were presented by participants from 15 countries. During the Forum, about 260 participants have attended short courses on the following subjects: (1) Experimental design and optimization applied to polymeric materials; (2) Premature failure on polymers; (3) Composites of polymers with vegetal fibers; (4) Emulsion polymerization. The conference was organized by The Brazilian Polymer Association (ABPol). Professor/researchers from academy and industries constituted the organizing committee.

The invited lectures covered: the future of additive for plastic reinforcing; the effect of crystallizing

process on morphology and polymers properties; synergistic effect on epoxy nanocomposites by incorporation of inorganic nanoparticles; self assemblies on glyco-hybrid block copolymers; characterization of MIP by solid state and suspended state NMR; hydrogels for protein delivery and tissue engineering; interactions in macromolecule-metal complexes; and an overview on encapsulation of inorganic particles. As the winner of ABPol – Prof. Eloisa Mano award, Prof. M. A.-De Paoli told about his contribution to the polymer field in the last 30 years.

To celebrate the 10th Edition of CBPol, representative articles which have been presented during the Conference are being published in this Special Issue because of high accessibility of *eXPRESS Polymer Letters* by several readers and by the great acceptance of this journal by the international scientific community. On behalf of the Organizing Committee of 10th CBPol we would like to thank the sponsors and all participants for their presence and support for the success of the 10th CBPol.

In 2011, the Brazilian Polymer Association will be organizing the 11st Edition of the Brazilian Polymer Congress. The conference will be held in Sao Paulo (province), in October, and we would like to invite all *eXPRESS Polymer Letters* readers to take part in it. More details will be given at www.abpol.com.br.

Sincerely yours,

Prof. E. C. Muniz and E. F. Lucas

*Corresponding author, e-mail: elucas@ima.ufrj.br

© BME-PT