

## ANNOUNCEMENT of International Conference on *i*-POLYMER MATERIALS

Now that sales of Polymers are again on the rise, discussions have returned to the future of polymer materials. Industry is searching for **INNOVATIVE** polymer materials to open up new markets, Commodity Plastics Companies are searching for **INTELLIGENT** polymer modifications, while Nano-composites are awaiting their large-scale commercial **INTRODUCTION**. In Academia, the strive is for **INTERACTIVE** Polymer Materials (synthetic polymers made to mimic natural functions like Self-healing, Self-structuring, Sensing and Processing of signals, and Response to impacts from the environment). The Medical World is looking forward to **IN VIVO** use of Polymeric tissues, Drug-release particles and platelets and is already testing Polymer **IMPLANTS**. Thus, ample reason to organise an international conference on "*i*-Polymer Materials". We intend to promote discussion between Industry Managers/Researchers and Academic Scientists about these latest trends in Polymers, in Chemistry as well as in Processing and Performance. To stimulate such discussions we have invited several distinguished Peer Experts.

Do You want to present or to learn about the latest views on Interactive Polymer Materials, Nano-Composites and Bio-Medical Polymers? Or are you interested to discuss with Polymer Industry their search for Innovations and needs for intelligent modifications?

### Selected Topics

- S 1) The Making of *i*-Polymers
  - Self-assembly
  - Supra-molecular Chemistry
  - Controlled Polymerisations
- S 2) Processing of *i*-Polymer Materials
  - (Nano-) Composites
  - Blending/ Compounding/  
Self-structuring/Modification
  - Self-healing Materials
- S 3) Performance of *i*- Polymer Materials
  - Functional Polymers
  - Tissues/ Fibres+Fabrics/Membranes
  - Molecular Architecture  
incl. Characterisation
- S 4) Applications of *i*-Polymer Materials
  - Medical Applications
  - Biomaterials, Sensors
- S 5) Polymers and Energy

THEN JOIN US AT

***i*- PolyMat 2010**

The conference will take place on **May 16-19, 2010** at the premises of Rolduc Abbey, a medieval Monument in city of **Kerkrade**, near Maastricht in the Netherlands.

We would very much appreciate your active participation with a Contributed Lecture, Poster.

All relevant info is available on: [www.rolducpolmeeting.org](http://www.rolducpolmeeting.org)

Deadline for Abstracts is February 15<sup>th</sup>, 2010

Early Bird Registration closes at January 1<sup>st</sup>, 2010

This conference aimed on the latest trends in Polymer Materials Research is being organised to celebrate the special occasion of **25 years of Rolduc Polymer Meetings**

Looking forward to your registration and to meeting you next May in Rolduc Abbey.

The Session Chairmen  
M .Möller, T. Peijs, J. Feijen  
J. Put, D.Broer

Rolduc Polymer Meeting  
L .Kleintjens, P. Lemstra  
V. Khunova, M. de Groot