

The Society of Plastics Engineers Europe is pleased to announce:

'Optimization of Life Cycle Costs within Injection Molding'

Our Scope: In recent decades, several high-potential technologies emerged with a single promise: to make molds better, faster and cheaper. The advent of these modern technologies may start a new era for moldmakers and rejuvenate growth opportunities in this stressed marketplace. This revolution promises to turn tools, bearing high added value and expensive development costs, into a mainstream commodity by simplifying the moldmaking process. These techniques aspire to impact the entire process spectrum, whether it is design, manufacturing, testing and even preparing for production: every step of the process can be impacted by these new technologies. This Group aims to explore these new techniques, report factual evidence of their outcome in ordinary applications – not just special cases - and overall help SPE members to learn about new and potentially useful techniques.

Conference Sessions: In their actual application, these technologies are introducing a significant number of new design and manufacturing concepts. Their integration into the half-century-old moldmaking trade is challenged by established practices, by the reluctance to change and by the general impression that they are too risky given their perceived immaturity. Yet, these techniques are capable of improving productivity, and might help attract young and talented engineers who are embracing these technologies more easily, and who may help recapitalize on valuable moldmaking know-how.

Conference Scope: Product Designers, Engineers, Moldmakers and Molders will have the opportunity to receive and discuss the most recent developments in Molding Process Optimization. Lecturers will examine "Virtual" Technologies and Techniques. Get the latest industry updates at SPE's "Optimization of Life Cycle Costs within Injection Molding" conference during Euromold 2007 on Thursday, December 6th. This conference will feature a total of 7 presentations articulated around 2 central themes:

BLOCK 1: Theme: **10.00-12.00: OPTIMIZATION OF THE INJECTION PROCESS**

10.00h The Practical Optimization of the Injection Process

Paolo Canovi / Process New Technologies Consulting, Switzerland

11.00h Further Optimization in using Gas-Assist

Paolo Canovi / Process New Technologies Consulting, Switzerland

BLOCK 2: Theme: **14.00-17.00: "VIRTUAL" TECHNOLOGIES AND TECHNIQUES**

14.00h VIM "Virtual Injection Molding" Concept for Injection Molding Optimization

Dr. Paul Filz / Simcon Kunststofftechnische Software, Germany

14.30 Automation of Optimization using Injection Moulding Simulation and DOE

Dr. Paul Filz / Simcon Kunststofftechnische Software, Germany

15.15 Live Demonstration with Coffee Break

15.45 Quality Optimization and Control with VIM Concept

Dr. Michael Gierth / Dr. Gierth Ingenieurgesellschaft, Germany

16.30 Technical Expertise Management connected to VIM

Dr. David Bassetti / Bassetti, France

17.00 Intelligent use of Material Data Bases

Timo Ture / Elastopoli, Finland

For further information on the conference, please contact **DEMAT GmbH** +49 69 – 27 40 03 – 30 or send an e-mail to: verena.frenkler@demat.com or visit www.euromold.com or www.speurope.org

The **Society of Plastics Engineers** will have all kind of technical literature and information available at EuroMold in **Hall 5.1 - stand D37**.

The winning parts of the **SPE Automotive Division Awards** will be displayed at EuroMold in **Hall 5.1 - stand D29**.