

i-Tec

first italian Technical Meeting of the Society of Plastics Engineers

The Italian section (S62) of the Society of Plastics Engineers (SPE) announces its first **i-TEC** a wide-ranging plastics Technical Conference, a meeting opportunity for industry, professionals and researchers in the Plastics field.

The Conference will take place during PLAST 2012 - the International Exhibition for Plastics and Rubber Industries, to be held in Fiera Rho Milano on 9-10 May 2012. Attending **i-TEC** is a great opportunity for discussion with leaders and professionals in the Italian plastics industry.

The conference will focus on many of the most relevant topics in the following areas: **bioplastics, composites, additives, processing, design, recycle & sustainability, medical plastics, packaging, characterization & testing, failure analysis.**

Organizing Committee

Dr. Romeo Cociancich, Presidente SPE Italia
Prof. Roberto Frassine, Presidente SPE Europe
Prof. Michele Modesti, Vice-presidente SPE Italia
Ing. Francesco Briatico, Segretario SPE Italia
Ing. Stefano Besco, Consigliere SPE Italia

Secretary

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Website

<http://web.mclink.it/MI1426/SPE/>
<http://www.plastonline.org/>

Technical Program

Wednesday, may 9th 2012

10.00 Registration

10.30 Welcome - R. Cociancich, SPE ITALIA Chair, C. Celata, Promoplast CEO

SESSION 1 Processing technologies

- 10.40 **Sistemi innovativi di deumidificazione** - F. Baldo (Moretto)
- 11.00 **Risparmio energetico e presse a iniezione** - S. Tavecchia (Negri Bossi)
- 11.20 **IMPACT PL" c": innovazione sicura** - L. Perrone (GEFRAN)
- 11.40 **Heat & Cool Technologies: L'applicazione del riscaldamento ad induzione per finiture di pregio nell'automotive** - L. Maiarelli (SOLE)

SESSION 2 Materials and products

- 12.00 **Pregi e difetti di una plastica che si ricava dalle piante. Il caso PLA. Confronto con Natureworks** S. Cavallo (Natureworks)
- 12.20 **Versatilità del compound in PVC: dal prodotto medicale antibatterico alla tecnologia della fibra di vetro lunga per il rinforzo dei profili rigidi in PVC** G. Bagnoli (TPV Compounds)
- 12.40 **Compositi Poliuretanic per componenti in edilizia e nell'industria dei trasporti** - P. Diena (DOW)

PLENARY LECTURE

- 15.00 **Title to be defined** - G. McNally (Queen's University - Belfast)

SESSION 3 Properties and characterization

- 15.30 **Instabilità del fuso e limitazioni alla processabilità dei polimeri** - D. Ferri (Polimeri Europa)
- 15.50 **Caratterizzazione reologica di micro-compositi a base di HDPE tramite prove di indice di fluidità ("Melt Flow Rate")** - A. Franceschini (Università di Brescia)
- 16.10 **Caratterizzazione di tessuti ritardati alla fiamma con TGA ad alta velocità** - M. Coletti (TA Instruments)
- 16.30 **Polymer materials fire risk reduction: Flame retardance or Fire retardance?** - G. Camino (Politecnico di Torino)

17:00 SPE Italian section annual meeting Italia

Technical program

Thursday, may 10th 2012

10.00 Registration

10.30 Welcome - R. Frassine, SPE Europe Chair

SESSION 4 Processing technologies

- 10.40 **Estrusore bivate co-rotante: la soluzione ideale per la miscelazione** - C. Moneta (ICMA San Giorgio)
- 11.00 **Modula: soluzioni di deumidificazione multi tramoggia auto adattativa ad elevata efficienza energetica** G. Santella (Piovan)
- 11.20 **CBF: the new way into plastic containers** L.. Nanetti (SACMI)
- 11.40 **Stampaggio ad iniezione con più di un ugello pressa** C. Dall'acqua (HR Flow)

SESSION 5 Analysis and Simulation

- 12.00 **Influenza della variazione rapida della temperatura sulla replicazione topografica e le proprietà estetiche di componenti ottenuti mediante stampaggio a iniezione** G. Lucchetta (Università di Padova)
- 12.20 **Misura e simulazione dell'assorbimento degli urti in superfici sportive** - F. Briatico (Politecnico di Milano)
- 12.40 **Non linear simulation and optimization applied in the design of functional plastics components for the packaging market** - L. Sironi (MSC Software)

PLENARY LECTURE

- 15.00 **Biopolimeri e potenzialità di mercato** - A. Casale (Proplast)

SESSION 6 Composites and nanocomposites

- 15.30 **Compositi biodegradabili auto rinforzati a base di PoliVinilAlcool** - A. Dorigato (Università di Trento)
- 15.50 **Effect of processing route and conditions on the dispersion of organically modified clay in a low density polyethylene film grade** - S. Besco (Università di Padova)
- 16.10 **Development of polymer based CNTs composites for industrial applications** - M. Modesti (Università di Padova)
- 16.30 **Ultimi trend sui Compositi** - R. Frassine (Politecnico di Milano)

16.50 Closing remarks

Registration fee

SPE members whole meeting 100€
single day 50€

SPE non members whole meeting 200€
single day 100€

The registration fee has to be paid on the S.P.E. Society of Plastic Engineers Italia bank account - Banca Popolare di Sondrio - agency 23
IBAN IT85 0056 9601 6220 0001 5290X60

To register to i-TEC, fill the registration form and send it and the payment receipt to the meeting secretary
(mail: francesco.briatico@polimi.it, fax 0270638173)

Registration form

Name: _____

Surname: _____

E-mail: _____

Address: _____

Company: _____

SPE member: si no

SPE ID: _____

Will attend:

1st day 2nd day Whole meeting

Billing address

Company:

CF/VAT Number: _____

I authorize S.P.E. Italia, in compliance to art. 23 of D.L. 196/2003, to use my personal data in i-TEC organization.

Date and signature



Society of Plastics Engineers

SPE – the Society of Plastics Engineers was founded nel 1942.

It is the home to nearly 20,000 plastics professionals in more than 70 countries around the world. SPE is the “go to” resource for plastics technical information.

Whether you're a plastics scientist or engineer, a business owner, marketing/sales expert, or any other professional in plastics, SPE membership can help you advance your knowledge and your career. The information you need to increase efficiency and productivity, develop your career, and add to your company's bottom line is literally right at your fingertips.

Members can access all membership benefits from SPE website, and contact fellow plastics professionals anywhere in the world—any time they need them.

The membership benefits include:

- career development
- technical information
- networking opportunities
- training and education
- peer advice

Further information can be found on the SPE websites

www.4spe.org

www.speurope.org



Society of Plastics Engineers
Italian Technical meeting

9-10 may 2012
Martini hall
Fiera Milano - Rho