



14 - 15 November 2011
Barcelona, Spain

EUROTEC 2011

Co-located with
EQUIPLAST

ETD
Thermoforming
Sessions



europa
n
thermoforming
division

SPE EUROTEC 2011 14–15 NOV., BARCELONA

The Society of Plastics Engineers –
EUROPEAN THERMOFORMING
DIVISION invites you to the
„ETD Thermoforming Sessions“
at EUROTEC 2011.

EUROTEC will now take place on November 14–15, 2011, the first two days of the five-day Equiplast show, at Barcelona's Gran Via Exhibition Center.

EUROTEC will be a broad-based, high-quality technical conference like SPE's renowned ANTEC® annual conference held in North America. There will be several hundred original, peer-reviewed presentations on new developments in these fields of plastics technology:

- Automotive & Transportation
- Engineering Properties and Structure
- Extrusion for Flexible & Rigid Packaging
- Failure Analysis and Prevention
- Product and Engineering Design
- Medical Devices
- Mold Design & Rapid Tooling
- Bioplastics
- Colors and Additives
- Thermoforming

Further details at
www.4spe.org/spe-eurotec-conference

Thermoforming Sessions: Thin Gauge

- **Barrier Plastic Packaging as a Sustainable Alternative to Glass** (by Xavi Franco, EDV Packaging)

Thermoformed barrier containers are a winning solution for preserved, shelf stable foods. Development of high performance plastic materials and the reduced environmental impact of thermoformed plastics are both key success factors for barrier plastics versus glass for packaging.

- **High Output Thermoforming for Food Packaging** (by Thomas Reinhardt, Marbach)

What can today's technology do, what are the limits and what is the outlook for tomorrow. Next to the machine the thermoform tooling has an important role. Next to pure size also technology changes drive the success of thermoformed packaging world wide.

- **Creating Value instead of Wasting it** (by Paul Scheers and Marek Nikiforov, Reynolds Food packaging/GN Thermoforming)

The retailers and food industry are aiming (are forced to aim, by regulators and governments!) to reduce their impact in terms of utilisation of resources and energy and in terms of greenhouse-gas emissions. So the converting industry – the plastics industry – has to look for solutions to make that happen.

- **The Next Dimension in Thermoforming Machinery** (by Alexander Donabauer, KIEFEL)

Highly innovative pressure forming machines set new standards in the efficient mass-production of packaging parts: Optimised dimensions coupled with maximum productivity and cost-efficiency.

Thermoforming Sessions: Thick Gauge

- **Design for Thermoforming: a case history in Automotive Applications** (by Mauro Fae, Self s.r.l.)

The heavy gauge thermoforming process is full of opportunities. A correct approach to the design for thermoforming can completely exploit potentiality of thermoforming. The case history showed, even if for not complicated parts, can show how it is possible to minimize costs of tools, trimming, parts, assembly without style compromise.

- **Case History on Returnable Packaging** (by Marc Omeslagh, Ducaplast SAS)

- **Applications in the Food Industry** (by Daniele Versolato, Solera-Thermoforming)

- **Epoxy Syntactic Foams for Use as Plug Assists in Heavy Gauge Thermoforming** (by Kathleen Boivin and Noel Tessier, CMT Materials Inc., Attleboro, MA)

Traditionally, heavy gauge thermoformers have used plugs/pushers made of wood and felt covered wood to improve material distribution and quality of parts. However, newer materials, especially multilayer structures, can be difficult to form with traditional plug/pusher materials. The performance of epoxy syntactic foams as plug assist materials for heavy gauge thermoforming was evaluated and compared to that of wood.

- **How Thermoforming can help Injection molding to obtain cosmetic parts** (by Gabriel Bernar, Walter Pack)

Basically the presentation will explain the need on the injection industry to decorate parts. Advantages and disadvantages, cutting methods and forming parameters, etc., using standard thermoforming and high pressure forming for manufacturing decoration parts.



europ^{an}
thermoforming
division

Further information about EUROTREC may be obtained from Yetty Pauwels, Society of Plastics Engineers

European Thermoforming Division

Eric Sasselaan 51, B-2020 Antwerp, Belgium

Tel. +32 3 541 77 55, Fax +32 3 541 84 25

spe.etd@skynet.be · www.e-t-d.org

Mark your calender for the next

EUROPEAN THERMOFORMING CONFERENCE:

