

europ an thermoforming division

Society of Plastics Engineers

European Thermoforming Division Eric Sasselaan 51, BE-2020 Antwerpen, Belgium Tel +32 3 541 7755 - Fax +32 3 541 8425 - spe.etd@skynet.be - www.e-t-d.org

Training Course HANDS ON THERMOFORMING WORKSHOP Thin and Thick Gauge



2 April 2014 – 08.30h-17.00h

Jihlava, Czech Republic

Peter Lichtherte and other SPE thermoforming experts

Don't miss this unique opportunity to learn more about fundamentals of thermoforming in theory but as well on Thermoforming machines at GN Thermoforming Technical Center. This workshop will not only give you more understanding of fundamentals of thermoforming but it enables to learn about all different thin and heavy gauge thermoforming technologies and as well you will be able to discuss directly details with SPE thermoforming experts.

Registration fee: €175

- **1 April 2014 evening** Free Shuttle service from Prague Marriott hotel to hotel in Jihlava (1 hour driving from Prague)
- **2 April 2014 8h30-17h00** HANDS ON THERMOFORMING Workshop at GN thermoforming Technical Center, Jihlava
- 2 April 2014 17h00 Free Shuttle service back to Prague Marriott Hotel

PROGRAMME

08h30 Start

- General part
 - Basics of Plastics
 - Extrusion technology
- Thermoforming principles
 - Vacuum forming
 - High Pressure forming
 - Twin sheet forming

11h00-12h30

- Practical tests on thermoforming machines with different materials

12h30-13h30 Lunch

13h30 Start

- Basics of thermoforming
- Basics of tooling for thermoforming
- Reinforcement of thermoformed parts
- Simulation Feasibility study
- Importance of Design

15h30-17h00

- Workshop
- Presentation and discussion of Cases
- Comparison of different technologies
- Comparison of different materials and its behavior on thermoforming machines

Please fax this form before 15 March to +32 3 541 84 25 or email spe.etd@skynet.be

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About the Instructor Peter Lichtherte:

University degree from K.I.H.O. in Gent and Aalst Industrial Engineer with an Electro-Mechanical degree Member on the board of the SPE European Thermoforming Division.

At Siemens (Belgium) I started as Product Development Engineer in the division developing electro-mechanical components.

Siemens Oostkamp is producing connectors for several electronic applications (automotive, military, automation, main frames,...).

In 1991, I was hired by Vitalo Belgium as Project Manager, to start up a thermoforming unit for food packaging made out of OPS (Bi-axial oriented polystyrene).

After one year I became the business Unit manager of the Vitalo Foodline Department, a joint venture between Vitalo and Mobile Plastics.



As Technical Director of the Vitalo Plastics Group, I have managed several new investment programmes and acquisitions such as acquiring a PU department, an industrial modeling activity, a thermoforming plant SEA and the implementation of new technologies such as Twin sheet forming and Compression Moulding.

Starting March 1997, I am running my own independent consulting office, TC&M - Technical Consulting & Management focusing on international market development, supply chain performance improvement and training.

Through my consulting activity, I have had the chance working for several OEM's within different industries, thus giving me today a wide and global view on plastics processing and product development.

Contact information : <u>info@tc-m.be</u> – <u>www.tc-m.be</u>

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