Thermoplastic Composites 2016

DATE: 6th October 2016
TIME: 10.00am
LOCATION: BPF House, 6 Bath Place, Rivington Street, London, EC2A 3JE

CONTACT: Paul Baxter, BPF Events Team
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PRICE: Members £150 + VAT
Affiliate Members £175 + VAT
Non Members £250 + VAT
Thermoplastic Composites 2016

This combined BPF and Composites UK seminar for 2016 will focus on the use of Thermoplastic Composites in the transport industry. The growing use of these materials in this arena provides an important opportunity for manufacturers of Thermoplastics. This one day event will argue the case for using Thermoplastics in different modes of transport – from cars to underground trains - as well as providing industry case studies on topics including the use of a honeycomb sandwich preform and the development of a closed-loop recycling method for highly aligned short carbon fibre Thermoplastic Composites.

Who should attend?

Thermoplastic Composites 2016 is aimed at senior and middle management professionals from plastics companies who produce and use Thermoplastic Composites in the transport industry or who wish to explore entering this important area. The seminar aims to provide a forum for discussing the latest in Thermoplastic technology and to give attendees an opportunity to network and make contacts within the industry.

SEMINAR PROGRAMME:

10.00 Registration & Refreshments

10.30 Chairman’s Introduction

10.40 Composites Industrialisation — the Case for Thermoplastics
Roger Ford, Integrated Materials Technology

10.55 Affordable Composites for Automotive—Opportunities and Challenges
Henry Sarel-Cooke, GKN Aerospace

11.30 Tea and Coffee Break

11.45 A Continuous Production of Thermoplastic Honeycomb Sandwich Preforms for Cost-Efficient Interior and Exterior Parts
Jochen Pflug, Econcore

12.10 Mind the Gap: The Potential of Thermoplastic Composites for the London Underground and Global Metro Rail Applications
John Darlington, TenCate Advanced Composites

12.35 Networking Lunch

13.30 ThermoCARB: Proving UK Capability in the Production of Overmoulding Thermoplastic Composite Components for the Automotive Sector
Matt Sellens, Formaplex

13.55 Characteristics of PP and PA Laminates Reinforced with Recycled Carbon Fibres
Anthony Stevenson, ELG Carbon Fibre

14.20 Development of a Closed-Loop Recycling Method for Highly Aligned Short Carbon Fibre Thermoplastic Composites
Rhys Tapper, Advanced Composites Centre for Innovation and Science

14.45 Tea/Coffee and Close
Speakers

John Darlington
TenCate Advanced Composites

With over 20 years in the thermoplastic and thermoset composite industry from raw materials to final components, John has a background in Mechanical Engineering and obtained his PhD in "Concurrent Process Modelling" from Durham University. John currently leads the product management department at TenCate Advanced Composites, launching innovative composite material solutions for aerospace and industrial markets.

Roger Ford
Integrated Materials Technology

After graduating from Oxford University, he spent 10 years with British Nylon Spinners and Mullard researching the photochemistry of polymers, phosphors for colour television and crystals for lasers and masers. Then joining Courtaulds, he held a series of senior technical, production and marketing roles within the Fibres and Fabrics Divisions. In 1978 he was appointed Managing Director of Firths Furnishings, a supplier of fabrics and plastic mouldings to the commercial aircraft and motor industries. He set up Integrated Materials Technology in 1983 as a research consultancy focused on Thermoplastic Composite Technology. The primary aim of this work has been to overcome the problems of manufacturing high performance composite structures and to automate the associated manufacturing operations. Recent work has focused on the development of aligned discontinuous fibre materials, 'Second Generation Structural Composites', which significantly extend the range of material properties available for producing structural composites and make the materials easier to manufacture and shape.

Jochen Pflug
Econcore

Jochen Pflug, graduated in 1994 from the University of Applied Science Aachen in Aerospace Engineering. In 1996 he received his master degree in Polymer and Composites Engineering from the KU Leuven. From 1996 to 2005 he was research assistant in the Composites Materials Research Group of Prof. Verpoest at the Department of Metallurgy and Materials Engineering (MTM) of the KU Leuven. In 2005 Jochen Pflug founded EconCore and became Chairman of the Board. Since 2007 he is Chief Executive Officer of EconCore N.V. and since 2010 Managing Director at the ThermHex Waben GmbH.

Matt Sellens
Formaplex

Anthony Stevenson
ELG Carbon Fibre

Rhys Tapper
Advanced Composites Centre for Innovation and Science
# EVENT REGISTRATION

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