

Workshop on:

Polymers and “Lightening the Load” in Transport

9th September 2008, Coventry Transport Museum, Coventry

Transport, the environment and the price of fossil fuels are hot topics for industry and the public alike. Polymers can play a significant part in increasing fuel efficiency and reducing transport costs through light composites in vehicle construction and through polymer production from renewable sources. PIN and the Polymer IRC are offering a free one-day workshop to industrialists and academics to identify the issues, challenges and future opportunities for polymers in the transport sector:

Keynote Speakers:

Dr Mark Steele

Group Technical Director at Advanced Composites Group

Professor Terry McGrail

Technical Director of CAMTeC (The Composites and Advanced Materials Technology Centre)

Professor Gordon Smith

Head of Materials Group at Warwick Manufacturing Group

The Day

After short introductory, open-ended presentations from the keynote speakers, the challenges and opportunities presented by polymers in composites will be discussed. Ideas will be debated, first in groups and then in plenary form, with the aim of covering as many of the current possibilities presented by either market pull or technology push. Later, new working groups will convene to develop a shortlist of possible projects and identify:

- What are the key technical deliverables?
- What are the key methodologies?
- Who are the leaders and key partners?
- What is the best source of funding?
- What is the timetable for assembling the proposal and launching?
- What is the potential market value?

The workshop should be of interest to anyone from the industrial or academic sectors with an interest in driving forward the technology in lightweight composites.

To Register:

There are 30 places available at the workshop, which will be allocated on a first-come first- served basis.

Email: g.b.bowles@leeds.ac.uk or Fax: +44 (0) 113 343 3846

Name: _____ Position: _____ Organisation: _____

Address: _____

Email: _____ Phone: _____

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Coventry Transport Museum, Coventry

Programme

- 10:00 Registration & Refreshments
- 10:15 Welcome & Introduction
- 10.30 Presentations from Keynote Speakers:
- Dr Mark Steele, Group Technical Director at Advanced Composites Group
“Advanced thermoset composites in lightweight automotive structures”
- Professor Terry McGrail, Technical Director of CAMTeC
“Polymer Matrix Composites - Opportunities and Challenges”
- Professor Gordon Smith, Warwick Manufacturing Group
“Future of composites in the automotive industry”
- 11:30 Morning Refreshments
- 11:45 Brief summary leading to group discussion and brainstorming
- 13:00 Lunch
- 14:00 Brief summary of priorities, breakout sessions to discuss and outline project briefs
- 15:15 Afternoon Refreshments
- 15:30 Feedback from the breakout sessions, actions and summary
- 16:00 Close