



# Registration

Please register with the WCC by completing this form. We regret that registration for the summer events cannot be accepted after the 15<sup>th</sup> June.

Your Name:.....  
 Your Job Title:.....  
 Your Company:.....  
 Your Address:.....  
 .....Post Code:.....  
 Your Telephone Number:.....  
 Your e-Mail Address:.....

I would like to attend the one day event  
 14<sup>th</sup> June - Technology Centre, Waterton, Bridgend  
 25<sup>th</sup> June - OpTIC Technium, St. Asaph

I would like to attend the one week event - Swansea University  
 The whole week 2<sup>nd</sup> - 6<sup>th</sup> July  
 2<sup>nd</sup> July     3<sup>rd</sup> July     4<sup>th</sup> July     5<sup>th</sup> July     6<sup>th</sup> July  
 Please contact me to discuss Composites Technology Transfer

Please let us know where you heard about the WCC  
 Telephone call from WCC     Brochure about WCC  
 e-Mail from WCC     Web-link to WCC  
 Other, please state.....

I agree that the information contained within this form can be used for the purposes of the WCC.  
 I would like to attend the Prestige Lecture "Advances in Textile Composites" on the 5th July.

### WCC Contact Details:

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## Composites Training Consortium

## Composites Technology Transfer Network

OUR KNOWLEDGE YOUR AMBITION



# Composites

*The art of combining - one plus one may be more than you know!*

Composites are materials in which two or more substances with very different properties are combined to give a new, superior material. This diverse genre of materials is of growing importance in a wide range of applications including aerospace, automotive, construction, marine, agricultural, health and increasingly, sport and leisure.



## Welsh Composites Consortium

The Welsh Composites Consortium (WCC) is supported by the Welsh Assembly Government's Knowledge Exploitation Fund and by the European Social Fund under Objective One and has been established to collaborate with Welsh SMEs by sharing knowledge, skills and best practice in the use of composite materials.

The WCC is developing training material covering a wide range of composite technologies and will be holding a number of events where this material will be piloted to Welsh SMEs.

The WCC also acts as a Technology Transfer Network consisting of a number of partner organisations with a wide range of expertise in the field of composites. WCC members can provide expert assistance to SMEs across Wales in the form of advisory visits, targeted presentations and initial project scoping work, as well as advising on possible funding routes for further collaboration.



## Summer Events 2007

The modules to be piloted in the WCC summer events include:

1. Composite Materials
2. Manufacturing, Repair and Testing of Composite Materials
3. Mechanical Performance of Composite Materials
4. Natural Composites and Environmental Issues
5. Design with Composites
6. Finite Element Analysis (FEA) for Composites
7. Engineering Design Optimisation for Composites

**One day events:** These events pilot all modules.

14<sup>th</sup> June - Technology Centre, Waterton, Bridgend

25<sup>th</sup> June - OpTIC Technium, St. Asaph

**One week event:** 2<sup>nd</sup> to the 6<sup>th</sup> of July at Swansea University. This event will pilot more in-depth training in all the modules including hands-on composite work, CAD and LUSAS FEA software.

Time	Mon	Tue	Wed	Thu	Fri
9.00-10.30	Registration from 11.45-12.30	Module 2	Module 3	Module 6	Practical FE/CAD
10.30-11.00		Break	Break	Break	Break
11.00-12.30		Module 2	Module 3	Module 6	Practical FE/CAD
12.30-14.30	Lunch	Lunch	Lunch	lunch	Lunch
14.30-16.00	Module 1	Module 4	Module 5	Module 7	
16.00-16.30	Break	Break	Break	Break	
16.30-18.00	Module 1	Module 4	Module 5	Module 7	

Participants will be expected to provide evaluation and feedback on the training material to ensure that the WCC develops training most suited to the future needs of Welsh industry.

Participants at these events will receive a trial version of the LUSAS composite analysis software.

**Prestige Lecture** - 5th July - 19.00 - Swansea University

### "Advances in Textile Composites"

by Professor Andrew Long - Nottingham University  
Chairman of SAMPE UK & Ireland Chapter

[www.welshcomposites.co.uk](http://www.welshcomposites.co.uk)

#### WCC Partners



#### WCC Advisors

