An interactive workshop for experienced Designers and Engineers created to provide a broad-based entry point for design and manufacture in composites. During the workshop, there will be time to work with our experts, participate in demonstrations of software tools led by specialists, and the opportunity to draw up initial development plans that respond to your business needs.

Outcomes:

> Appreciate where the use of composites provides a competitive advantage.
> Gain insight into the material properties of composites and their specifications.
> Understand the issues facing you as you move into composites design.
> Appreciate the value of using simulation and analysis tools to increase productivity.
> Investigate a number of appropriate design and simulation tools.
> Make contact with composites design specialists and discuss industry developments.
> Be aware of the range of funding opportunities that will assist your innovation.
> Be aware of the range of support mechanisms and training courses that will assist your development.

Additional products and services:

> Skills development programmes and courses.
> Pilot your design concepts using NCC software tools and advanced analysis with support from our specialists.
> Technology development planning, including integration of funding opportunities.
> Ongoing access to the range of NCC engineering specialists on a structured or as required basis.

Cost: £125 (excl. VAT) to include lunch and refreshments.

To register your interest, please email stacey.downton@nccuk.com
For general enquiries contact: enquiries@nccuk.com or visit: www.nccuk.com
Design for manufacture in composites workshop
13th December 2013 > National Composites Centre, Bristol

If you would like to attend please visit www.nccdfmworkshop.eventbrite.com to register.

Agenda

8.45am  Meet and greet
9.15am  Introduction to the NCC and HVM Catapult
        Tom Hitchings, NCC Business Development Director
9.45am  Funding opportunities
        Paul Gallen, NCC Business Support Engineer
10.15am  Case Study – Composite Chair
         Miroslav Stojkovic, ECM – Design, Stress and Simulation
10.45am  Overview of Composites: Drivers, Advantages and Issues
         Daniel Thompson, NCC Research Engineer
11.15am  Refreshment break
11.30am  Optional tour of NCC (Registration required)
12.00pm  Lunch
1.00pm  Workshop - Metal vis-à-vis Composites
        Miroslav Stojkovic, ECM – Design, Stress and Simulation
2.00pm  Refreshment break
2.15pm  4 x 30 minute Software tools workshops
        A – Optimisation tools
        B – Design tools
        C – Simulation tools
        D – Analysis tools
4.15pm  Wash up/Q&A

Open access

The NCC offers UK industry access to a full range of composites manufacturing technologies. We provide cost effective opportunities to optimise new products and to work with world class composites manufacturing and testing equipment on a pay per use or membership basis. See other literature or our website for further details.