

Designing New Products for the Future

16th December 2008

Raising Awareness of New Design Tools and Techniques through partnership with the United Kingdom's premier Computer-Aided Design (CAD) software reseller Solid Solutions Management, the AEMFC Sector Group recently hosted a one-day seminar on the SolidWorks design platform for a range of local companies. CAD is the use of computer technology to aid in the design and particularly the drafting (technical drawing and engineering drawing) of a new product or component part.



Held within the University of Huddersfield's School of Computing and Engineering Design Suite, the attending delegates were presented with an introduction to the activities of the WYLLN, by Sector Officer Paul Denton, prior to receiving a hands-on awareness session on SolidWorks, led by a team of experienced Solid Solution's trainers. The seminar held on the 16th of December, provided a fantastic opportunity for local engineering and manufacturing

companies to get to grips with new design concepts and state-of-the-art software, through structured and highly-interactive, practical sessions.

The SolidWorks range of products was the main focus of the day and intensive tuition was provided on the 3D product design and modelling suite, with two further SolidWorks packages comprising over 10 modules available. Covering design, product validation, simulation, document management, manufacturing (NC) and technical document publication, the platform encompass all industry sectors from across the UK and range in size from single-person operation to large multi-national organisations such as BNFL, BOC, Philips, Assa Abloy, Yale (Union and Chubb) Stannah, Sealine, BAE, John Guest and British Airways.

In advanced engineering and manufacturing enterprises, delivering new and improved products is an important key to achieving competitive success, with one delegate commenting, "Tools such as this can take idea generation, through concept design to manufacturing, without the need for expensive rapid prototyping and tooling. I can see it being of immense benefit to my company". With follow-up question and answers support provided by the organising team, further activities will be planned.

Photos: (Top to Bottom)

Huddersfield University's Design Suite
Delegates Getting to Grips with the Solution

