

ANSYS & Solid Dynamics: Rapid Product Optimisation by CAD-Integrated Analysis & Motion Simulation

Wednesday 22nd October, Stockport County FC, Stockport, Cheshire

Wednesday 5th November. National Metalforming Centre, West Bromwich, West Midlands

A review of the latest analysis software for assisting design at an early stage. Integrated with all popular CAD systems, including Inventor, Solid Works, SolidEdge & Pro/E, these tools enable design engineers to predict & optimize the performance of their product concepts before entering expensive build & test phases.



Provisional Agenda (subject to change & with approximate timings)

Morning Programme

ANSYS Up-Front FEA

- 9:45 am: Coffee & Morning Registration
- 10.00 am: 'Upfront Simulation' – how to improve the product development process
- 10.15 am: ANSYS Workbench – the new generation of CAD-Integrated FEA
- 11.15 am: Coffee
- 11.30 am: ANSYS DesignXplorer – how to optimise designs using FEA
- 11.45 am: ANSYS DesignModeler – a new model generation toolkit
- 12.00 pm: From ANSYS DesignSpace to Multiphysics – how far can FEA go?
- 12.30 pm: Questions & Close

Lunch (Open to all delegates)

An opportunity to discuss your simulation requirements with Wilde FEA engineers

Afternoon Programme

Solid Dynamics Motion Simulation

- 1:15 pm: Afternoon Registration & Coffee
- 1.30 pm: What is kinematic analysis?
- 1.45 pm: Solid Dynamics – CAD integrated motion simulation tools
- 2.00 pm: How to set up a motion simulation & interpret results
- 2.30 pm: Coffee
- 2.45 pm: How to integrate motion simulation with FEA
- 3.30 pm: Questions & Close