

Application Oriented CFD for the Aerospace and Defence Industry



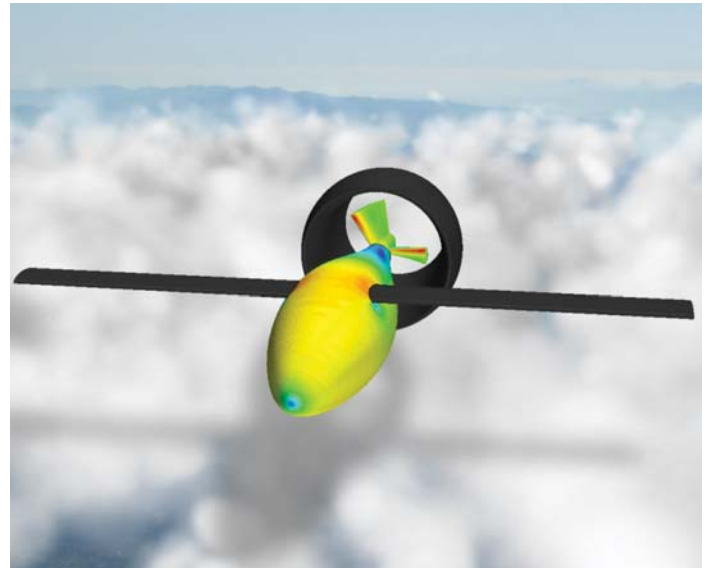
CD-adapco and the West of England Aerospace Forum are pleased to present you with a unique opportunity to experience the advances in CFD technology that are expanding the use of computational simulation throughout the modern aerospace design process. Presentations and demonstrations of CD-adapco's unique integrated CFD process will show the advantages of advanced pre-processing with surface wrapping, automated polyhedral meshing, accurate numerical models, and powerful post-processing.

This special one day event will cover a broad range of applications that span the aerospace industry including external aerodynamics, ECS flow analysis, combustion, aeroacoustics, multi-phase flows, fluid structure interaction and many more. You will see how the state-of-the-art CFD code, STAR-CCM+ is changing the way aerospace engineers approach the analysis process and how its single integrated environment reduces turnaround time of the most complex CFD processes.

You will have a chance to network with colleagues from the aerospace industry as well as CD-adapco experts, making it a day not to miss!

Who should attend:

- Engineering Managers looking to streamline their flow and thermal simulation process
- Lead Engineers looking for solutions to their CFD bottlenecks
- Engineers looking to significantly reduce their geometry preparation time for computational analysis
- Program Managers and Project Engineers interested in learning how CFD can be applied to their programme
- Engineers and Researchers interested in how others are attacking flow and thermal simulation problems
- Those interested in solving complex flow and thermal problems such as combustion, heat transfer, aeroacoustics, fluid structure interaction etc



Agenda:

09:00 - 09:30	Coffee and Registration
09:30 - 09:45	Welcome and introduction
09:45 - 10:30	Overview of CFD applications within the aerospace and defence industry
10:30 - 11:30	Geometry preparation for successful CAE simulation
11:30 - 13:00	Demonstrations and hands on tutorials
13:00 - 14:00	Lunch
14:00 - 17:00	Demonstrations and hands on tutorials continued
17:00	Close

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Date:	23 July 2008 9:00 AM start
Address:	West of England Aerospace Forum Unit E St David's Court Windmill Road Clevedon North Somerset BS21 6UP
Cost:	£35 WEAF members / £45 non-members

Registration link: <http://www.weaf.co.uk/events>

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