Meet this year's CD-adapco Global Academic Paper Contest Winner – Andrew Bloxom. Andrew is a PhD candidate studying Ocean Engineering at Virginia Tech specifically looking at problems in fluid structure interaction (FSI) of high speed marine vehicles. Andrew has been a member of the CD-adapco academic community since Fall 2007 when he started doing undergraduate work with Dr. Wayne Neu on underwater hydrodynamics and free surface problems with STAR-CCM+ v2.08.

As CD-adapco has just recently released STAR-CCM+ v8.02, Andrew and his group have seen many new features and enhancements to the code since they first began using it. Initially, Andrew chose STAR-CCM+ for its user interface and meshing capabilities, but over the years a lot of additional functionality in DFBI and FSI has been added which he has made great use of. From the very beginning, the Global Academic Program has provided support to Andrew and his group through workshop seminars, foundation training, new feature webinars and technical support.

When asked for his reaction as he learned he had been named the contest winner, Andrew responded that he was, "Very surprised, I think the day-to-day activities of working with CFD can make you forget the bigger picture is often more exciting than you give yourself credit for." He also went on to say, "The opportunity to travel to Orlando and present my work to the rest of the CD-adapco community is a big honor. I'm hoping to meet others who work on FSI problems and see other CFD work at the cutting edge."

Andrew's award winning paper, **Fluid-Structure Interaction of a Surface Effect Ship Bow Seal and a Free Surface**, is featured below in the Academic Success Stories section of this newsletter.

If you are interested in obtaining STAR-CCM+ for use in the classroom or lab, please visit our website or contact your local area representative for more information on our academic packages.

Regards,
Tammy de Boer
Global Academic Program Coordinator

ACADEMIC SUCCESS STORIES

Congratulations to Svend Peterson, Technical University of Denmark (DTU) for receiving the 2012 Best Fluid Mechanics Thesis Award from the Danish Society for Industrial Fluid Dynamics (DANSIS) STAR-CCM+ is one of the tools used to support Svend's award winning thesis: CFD Modelling of a Biomass Incinerator for Prediction of Risk Areas for Corrosion Damages **> Read success story**

Congratulations to Andrew Bloxom, Virginia Tech, for being chosen as the CD-adapco Global Academic Paper Contest Winner! Andrew was selected for his paper entitled: Fluid-Structure Interaction of a Surface Effect Ship Bow Seal & a Free Surface. Andrew won an all expense paid trip to the CD-adapco STAR Global Conference 2013 where he was a featured speaker at the event **> Read success story**

If you would like to submit your engineering success story, please contact Tammy de Boer (tammy.deboer@cd-adapco.com). We want to hear your story!

STAR-CCM+ NEW VERSION ANNOUNCEMENT

STAR-CCM+ v8.02 provides users with enhanced user-experience and new capabilities to expand the scope of the product. Click below for a full overview of the top new features and enhancements!

Request Your Free Academic Poster

GET IT NOW RESOURCES

Electromagnetic Field Analysis

STAR-CCM+ contains a toolset for the study of electromagnetic (EMAG) phenomena

> View Here

CD-adapco Dynamics Magazine
The latest information on

UPCOMING EVENTS

14th Annual Internal Combustion Engine (ICE) Workshop. This event brings together users of CD-adapco's STAR-CD and es-ice engine simulation products, provides a forum to hear about both the latest and forthcoming developments and examines technical issues of interest with other users. The event takes place at two locations and dates:
Stuttgart, Germany, April 9, 2013
Dearborn, Michigan, April 19, 2013

WEBINARS
Engineering Webinar: Design and Thermal Analysis of Electric Machines Using Analytical and CFD Methods

Engineering Webinar: CFD for the Chemical Industry: Reactive Flows

CAREER OPPORTUNITIES

CD-adapco is currently recruiting for the following positions:

Export Compliance Specialist, London UK

Senior Engineer, Melville, NY

Senior Engineer, Northville, MI

Senior Engineer, Houston, TX

Software Developer, Meshing, Multiple USA Locations
Opportunity for a highly qualified and motivated candidates to contribute to the development of our next-generation CFD/CAE tool STAR-CCM+

Software Developer, Rome, Italy
Opportunity for a highly qualified and motivated candidate to contribute to the development of our current CFD/CAE tool, STAR-CCM+

Senior Software Architect, Multiple USA Locations
Opportunity for a highly qualified and motivated candidates to contribute to our Software Development Team as a Senior Software Architects