



Highlights from Chapter Meetings

With summer coming to an end a lot of people like to take advantage of those last days before the kids return to school—one last chance to kick back and relax before getting back into the routine of shuttling the little ones to school & extra-curricular activities or seeing the older ones off to college.

Even so... we continued to have good turnouts at the recent monthly chapter meetings, showing the commitment our members and guests have to professional development. For that, you are to be commended and we thank you!

At the **August Chapter Meeting** we were lucky enough to have two speakers. Our chapter President, Brett Osborne, shared information with the group about his experiences at the INCOSE 2008 International Symposium. The event took place in Utrecht, The Netherlands with a theme of "Systems Engineering for the Planet". Naturally, much of the focus of the event was on water & wind. Other topics included SE in fighting terrorism, Risk, and SysML/UML to name a few. Brett also had some time to do a little sightseeing while he was there. Has anyone seen a bicycle around here?!!

Ed Smith, the chapter Vice President, shared with us some highlights of the IBM Rational Software Development Conference, which he attend in June here in Orlando. Some of the topics Ed covered

include test automation and simulation,

If you'd like to hear more about the INCOSE 2008 International Symposium or the IBM Rational Software Development Conference Brett and Ed welcome your questions. Or check the presentation links for the [Orlando Chapter August 2008 Meeting](#).

Dr. Brian Goldiez was our guest speaker at the **September Chapter Meeting**, providing us with updates on High Performance Computing activities taking place at UCF.

High Performance Computing (HPC) is a directed federal program, funded for 2 years. The machine that was setup at UCF for this purpose is known by the name "STOKES", after Sir George Gabriel Stokes, mathematician & physicist.

HPC is intended to support scientific exploration & interaction in the areas of Science Based and Human Centered Modelling & Simulation and the synergies between them.

Dr. Goldiez shared with the audience not only the accomplishments and capabilities offered by HPC, but also some of the challenges already faced including floor space, power and cooling needs.

For more information on this exciting topic take a look at Dr. Goldiez's [presentation](#).

President's Corner

President-Elect, Ed Smith writes to us in this edition, reporting on some exciting partnerships INCOSE Orlando is cultivating.

Ed attended a meeting with UCF Engineering and PEOSTRI regarding the Institute for Advanced Systems Engineering (IASE), formerly known as CASE. The Systems Engineering laboratory is currently located on campus with plans to be a part of Partnership III building to be constructed in the Research Park. SE software is furnished by IBM. Artisan SE software may be added, also. The intent is to have availability for INCOSE members.

Ed, along with Judith Feliciano, also participated in a "Lunch & Learn" at General Dynamics C4 Systems in September. They discussed INCOSE benefits and encouraged membership. One topic discussed was the Human Factors tutorial from 2007. A few GD folks are evaluating requirements for a new HSI (Human Systems Integration) tutorial, which they may be able to host.

It looks like we have some great learning opportunities to look forward to. Thanks to Ed & Judith for supporting these partnerships.

UPCOMING CHAPTER EVENTS

October 16: Chapter Meeting
Jeff Bryson, Lockheed Martin
Prescriptive Requirements Analysis

November 20: Chapter Meeting
Sam Harbaugh, Space Coast INCOSE Chapter
The Tranquility Trek Luna Robotic Mission

December 18: Chapter Meeting
Holiday Celebration, no speaker

January 15: Chapter Meeting
Sandy Friedenthal, Lockheed Martin
SysML Overview and Application Results and Book Signing

January 16: Tutorial—SysML

February 19: Chapter Meeting
Dr Rob Cloutier, Stevens Institute of Technology
Patterns as Applied to Design and Architecture

For more details on upcoming events visit the [INCOSE Orlando](#) web site.

Chapter Board Member elections are underway (October 7–24).
Members—Be sure to cast your ballot!

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Member News

Current membership in the Orlando Chapter stands at 77 as of month-end September. Thanks goes out to all the new & renewing members. If you haven't renewed your membership yet or you're interested in becoming a member, visit the [INCOSE Membership page](#) or contact [Becky Matz](#).

New Members (July–September)

Tareq Ahram, UCF (September)

Tareq is a PhD candidate and the president of the System Engineering Student Chapter of INCOSE Orlando at the University of Central Florida in the department of Industrial Engineering & Management Systems in the College of Engineering & Computer Science. He is currently a senior researcher at the Institute for Advanced Systems Engineering at UCF. His research has focused on enhancing information retrieval performance.

Ricardo Alvarez, A-I Tech Support (July)

Christopher Lee, UCF (September)

Ryan Mortimer, Lockheed Martin (August)

Ryan was born in Dunedin, FL and graduated from the US Naval Academy with a BS in Systems Engineering. He served as an officer in the Navy, working in the area of flight operations until 2004 when he began working for Sparta, Inc. on the Ballistic Missile Defense Program in Arlington, VA. Currently,

Ryan is working for Lockheed Martin on the Embedded Platform Logistics System, an active member of the Engineering Leadership Development Program, and pursuing a Masters Degree in Modeling and Simulation from the University of Central Florida

Serge Sala-Diakanda, UCF (August)

Angela Schwarz, Siemens Transportation Systems, Inc. (September)

Michael Skalyo (August)

Joseph Spector, Booz Allen Hamilton (July)

Member Achievements & Celebrations

Ed Smith is happy to announce the arrival of his first grandchild. Sienna Taylor Smith arrived on Friday, October 3rd. Her proud parents are Ed's daughter, Rebecca, and son-in-law, Ryan.

If you'd like to share your news so we can all celebrate with you, send an e-mail to [Penny Beier-schmitt](#).

2008 BOARD MEMBERS

President:

Brett Osborne

Vice President:

Eddie Smith

Secretary:

Penny Beierschmitt

Treasurer:

Becky Matz

Membership Chair:

Beck Matz

Communications Chair:

Will Gonzalez

Programs Chair:

Tom Herald

Tutorial Chair:

Open

Student Chapter Liaison:

Judith Feliciano

Director at Large (2007-2008):

Judith Feliciano

Director at Large (2008-2009):

Jack Baumgardner

UCF Establishes Student Chapter

Students and faculty at the UCF College of Engineering have been busy promoting the new Student Division Chapter of INCOSE Orlando.

The first meeting of the Student Division was held on September 25th with a presentation giving an Overview of UPDM (Unified Profile for DoDAF and MODAF). Guest speakers at the event included Matthew Hause, Chief Consulting Engineer at Artisan Software Tools; Brian Elvsaeter, research scientist at the department for Cooperative and Trusted Systems at SINTEF; and Dr. Arne-J Berre, chief research scientist at the department for Cooperative and Trusted Systems at SINTEF and associate professor II at the University of Oslo, Norway.

Tareq Ahram, Student Chapter President, reported

the event was a great success, thanks in part to the support of the INCOSE Orlando chapter.

Keep up the good work! We look forward to participating in more Student Division events!



Other Events of Interest

[I/ITSEC 2008](#)

December 1-4, 2008

Orange County Convention Center
Orlando, FL

[SysML Information Days](#)

December 8-11, 2008

Santa Clara, CA

[CPAG Breakfast Defense Forum](#)

January 8, 2009

Radisson University Hotel
Orlando, FL

More info to come at

<http://www.cflquad-a.com/>