



August 2009
Volume 1, Issue 1

North Coast System Engineer

FROM THE PRESIDENT'S DESK



Daniel Gauntner

Welcome to the inaugural issue of the **North Coast Systems Engineer**, our new e-newsletter for the INCOSE Cleveland-Northern Ohio Chapter. In it you will find recent news, notice of upcoming events, synopses of technical presentations at Chapter General Meetings, Board of Director Committee hi-lights, and a note from the President's Desk. The Chapter leaders and I hope you find it useful, informative, and brief enough that you will actually read it!

I want to point out several upcoming events that are critical to our continued success and growth as a Chapter. First, the C-NO Chapter, in collaboration with the Michigan and Fingerlakes chapters, is sponsoring a regional conference on Oct 25-26, 2009 at the Ohio Aerospace Institute, right next to NASA-Glenn. The conference will center on the use of systems methods in the energy area, as well as the use of systems engineering tools and methods. See <http://www.incose.org/RS09/RS09main.htm> for more on the content of the sessions and for registration

information. Second, the C-NO Chapter will hold its Annual Election night at the October 6, 2009 General Chapter meeting. We will elect new President, vice-President, Treasure, and Secretary. Our Chapter Bylaws (see them through the Chapter's website on INCOSE Connect) state that the newly elected Vice President is expected to succeed to the term of President the following year. Please let our Nomination Committee Chair (Marton Forkosh-216-433-8791) know if you are interested in helping lead our chapter. The October meeting will include a time for all candidates to introduce themselves to the membership. section headings in an article.

C-NO LEARNS HOW SYSTEMS ENGINEERING IS DONE IN NORTHERN OHIO

At the April, 2009 Chapter meeting held at the University of Akron the Chapter heard about systems engineering from NASA Glenn's Dennis Rohn (what makes a system a system, what systems engineering is, and what systems engineers do), from Lockheed-Martin's Charles Wasson (the need for systems engineering to be a fundamental part of a discipline-specific engineering education), from Crane Aerospace's Carl Dister (real applications of systems engineering in the development of high performance fuel pumps), and from NASA Glenn's Marton Forkosh (NASA's approach to systems engineering as described in it new process document for systems engineering (NPR7123.1)). The experiences in government and industry



(both large and mid-size) helped chapter members appreciate the value that systems engineering brings in helping them obtain the desired systems behavior.

DAN SURBER DISCUSSES CERTIFICATION FOR SYSTEMS ENGINEERING FOR PROFESSIONALS

At the May 19, 2009 Chapter meeting Dan Surber of Raytheon presented the INCOSE CSEP process. He explained the levels of certification a systems engineering professional can achieve (entry, journeyman, and senior). He told us that after preparation (usually self-study) that a 120 question/ 2 hour test will determine the applicant's readiness to be certified. The certification and test are based on the INCOSE handbook v3.1. Dan is a member of INCOSE's Certification Advisory Group (CAG). One of the CAG's aims is to have INCOSE become the entity that has ISO accredited inspectors for systems engineering. A file slide show giving an Overview of the Certification Process can be found at

<http://www.incose.org/education/careers/certification>

Did You Know ...

Did you know that, as a member benefit, the Journal of Systems Engineering and the Insight magazine that had been previously provided in hard copy are available electronically? To access the Journal you will first need to register with Wiley InterScience. To do this, which is a multi-step process, instructions can be found in INCOSE Connect at: https://connect.incose.org/Shared%20Documents/Wiley_instructions.pdf. Once registered, you then go to <http://www3.interscience.wiley.com/cgi-bin/jhome/39084> and log in. All Journal articles are searchable. To access the Insight, go to <https://connect.incose.org/INSIGHT%20Library/Forms/AllItems.aspx> in INCOSE Connect. All Insight magazines since 1993 are available for download in PDF form.

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Upcoming Events

Sept. 15, 2009
Chapter Meeting 6:00 pm

Tony K's
841 W Bagley Rd
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Oct. 25-26, 2009
Regional Conference '09
Ohio Aerospace Institute