



INCOSE Region V
Huntsville Regional Chapter
Newsletter September 2007

The International Council on Systems Engineering is a not-for-profit membership organization founded in 1990. INCOSE is an international authoritative body promoting the application of an interdisciplinary approach and means to enable the realization of successful systems.

NEXT CHAPTER MEETING

September 20, 2007

Location: Teledyne Brown Engineering, 300 Sparkman Drive Huntsville, Al. Meeting is in the training Room through the Main Building North Entrance, at 5:30 p.m. – 7:30 p.m.

Presentation Topic: The New Joint Procurement Paradigm

Speaker: Mr. Don Jarman, Deputy Director over the 'Center for Strategic Studies Thinktank' at Teledyne Brown Engineering in Huntsville, Alabama.



Military Transformation to Jointness dictates - *in order to fight 'jointly' you must learn to 'procure' jointly, 'develop' jointly and 'test' jointly.*

Joint procurement has been a challenge with traditional military entities in charge of their own budgets and procurements. The closest we have come is the MDA 'capabilities-based acquisition program', and it took a new 'agency' to accomplish this.

We cannot afford a new agency every time we need to bring Services, Developers and Warfighters together. Therefore, future joint system-of-system procurements will need a new professional adjunct to the System Engineering profession. That new construct is called the 'Mission Engineer'.

This Mission Engineer construct will be the single most important procurement paradigm shift since introduction of the Systems Engineering Process in the 1940's.

Mr. Jarman has over 40 years of advanced systems-of-systems engineering experience in National Missile Defense, Nuclear Power, and Global Energy, Homeland Security and Infrastructure Projects on a global basis.

Mr. Jarman currently heads up Teledyne's Targets and Countermeasures and Return-to-Rocketry Programs in Huntsville. He is considered to be one of the top "Business Engineering and Integration" experts in Huntsville and has been awarded numerous government and industry citations for Defense Program Excellence and Team Leadership.

Don graduated from Wichita State University in 1974 with a Bachelor of Science in Mechanical Engineering and

performed his MBA studies at the University of Tennessee in 1976.

UPCOMING CHAPTER MEETING

October 18, 2007

Location: 4901 Corporate Drive. Building B, Huntsville, Al. SAIC Millennium Room, at 5:30 p.m. – 7:30 p.m.



Presentation Topic: Architecture.

Speaker: Emile N. Daniel, Assistant Vice President of Technology, War-Fighting Systems Chief Architect-Future Combat Systems, Science Applications International Corporation (SAIC), Huntsville, AL.

What is Systems Architecture and why is it important? Engineering designs are usually the result of architecture. Architecture is the general abstraction of systems behavior and is essential to system solution, design, and validation. Working within an architecture framework standardizes the architecture/design approach and is mandated on most Federal programs.

Mr. Daniel has over 20 years in the field of Electronics, Information Technology, Systems Engineering, and Architecture. He is a prior service member of the US Army and has spent the last 12+ years with SAIC working on a wide-range of technical programs with the Federal Government.

Emile has participated in programs with the Department of Justice (DoJ); architecting criminal justice information systems for the Federal Bureau of Investigations (FBI), and the Department of Defense (DoD); working several systems engineering tasks for the military healthcare systems and architecting defense systems such as soldier systems, unattended munitions, and other unmanned platforms for the Army Future Combat Systems (FCS).

Emile holds two Bachelor of Science Degrees in Management of Information Systems and Professional Management as well as an Associate of Science Degree in Electronics Engineering.

UPCOMING TECHNICAL SOCIETY/OTHER MEETINGS

INCOSE NATIONAL NEWS AND EVENTS

[SE of Complex Systems Conference](#)

Date: October 28 - November 02, 2007

Location: Boston, MA

INCOSE is sponsoring a conference on the Systems Engineering of Complex Systems in association with the International Conference on Complex Systems.

Recognizing the potential impact of complexity and complexity science on the continued evolution and maturation of Systems Engineering, and the need for venues for the presentation and distribution of active research and practice in this area, papers will include Systems Engineering of those systems often described with the terms system of systems, ultra-large systems, mega-systems, and enterprises.

Emphasis will be in the areas where multiple, independent stakeholder communities collide; or where the "system" under study is not under the control of a single entity; or where the character of the social, cultural, or business aspects impact the technical.

Contact: Doug Norman (AD for Enterprise Sector), Brian White (AD for Systems Science Enabler Group); or Sarah Sheard (INCOSE Fellow) for more information.

[10th Annual Systems Engineering Conference](#)

Date: October 22 - 25, 2007

Location: Hyatt Islandia, San Diego, CA USA

The primary objective of the 10th Annual Systems Engineering Conference is to provide insight, information and lessons learned into how we can improve the overall performance of defense programs via a better, more focused application of systems engineering, that will lead to more capable, interoperable and supportable weapon systems for the warfighter, with reduced total ownership costs, to help our military meet its current and new Mission Area and Capabilities requirements.

The tenth annual Systems Engineering Conference is jointly sponsored by INCOSE and the NDIA SE Department

MEMBER NEWS

Please send your Member News to our Secretary, John Jellicorse, at jellicorse_john@bah.com, or call him at 922-2783.

COMPANY NEWS

Please send your Company News to our Secretary, John Jellicorse, at jellicorse_john@bah.com, or call him at 922-2783.

JOB OPPORTUNITIES

[Systems Engineering Job Bank](#)

INCOSE has partnered with JobTarget to deliver a full-featured job site developed explicitly for the systems engineering community. Individuals can post their resume to the anonymous resume bank free of charge and create personal job alerts so that they are notified when opportunities of interest are available. Employers can search the focused resume database and post job openings.

The new job bank allows job seekers to: search targeted opportunities; post your resume for free (and anonymously); choose what to divulge in your resume; stay connected to the employment market; and receive alerts for opportunities of interest. Visit the job bank today, and take advantage of this new resource:

CONTACT INFORMATION

Find us on the web at www.incose.org/huntsville. Please contact John Jellicorse at 256-922-2783 with any Newsletter inputs at any time, and questions or comments about this newsletter.

For questions or comments regarding the INCOSE Huntsville Regional Chapter (HRC), please contact Chester Williams at chester.williams.jr@saic.com, 256-971-6703.

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Your INCOSE HRC officers need your inputs to make this newsletter better speak to your needs. We solicit YOU, the INCOSE membership, for items of interest from your company, local conferences, published tech papers or books, news regarding job transfers, new jobs, etc.

Your Local Chapter Contact Points (detailed bios at <http://www.incose.org/huntsville>)

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