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FORWARD LOOK

WAR AS AN EFFICIENT CHAOS GENERATOR March 31, 2005, 5:30-7:30

Mr. Dave Muller
Army Research and
Development Lab

Kirkwood Training and
Outreach Services Center in
Cedar Rapids, IA

Event Details
www.incose.org/heartld

Guided tour through an
Army material processing
point in Kuwait. Learn how
it is that things just seem to
go wrong no matter how
much we think we have
them under control.

**INCOSE 2005, the 15th
International
Symposium
July 10 - 15, 2005**
Rochester Riverside
Convention Center,
Rochester, New York, USA

"Bridging Industry,
Government & Academia"

Event Details
www.incose.org/symp2005

SYSTEMICO



President's Message – Heartland Chapter Recognized

The Heartland Chapter has been recognized by the International Council on Systems Engineering (INCOSE) as a 2004 Silver Circle Award Chapter. This award recognizes chapters performing to the highest goals and standards established by INCOSE and are based upon our chapters' contributions and accomplishments during 2004.

The local chapters play an essential role in the achievement of INCOSE's goals and objectives. Far more than local administrative units, chapters are performing units that organize a multitude of professional and social programs, conduct membership recruitment and retention drives, support technical activities striving to advance the state and art of systems engineering, and market INCOSE as the international authoritative body on systems engineering. Through the annual chapter awards program, INCOSE has the opportunity to recognize the valuable contributions of individual INCOSE chapters as they strive to enrich, educate, and enlighten the INCOSE membership while improving recognition of INCOSE and the systems engineering profession.

To honor our efforts and achievements, this Silver Circle Award will be present at the 2005 INCOSE International Symposium in Rochester, New York.

On behalf of the Heartland Board of Directors I personally extend heartfelt thanks and appreciation to the Heartland Chapter executives, leadership, members, friends and sponsors for contributions towards attaining these goals.

2005 Engineering Day Thanks

Thanks to Rockwell Collins, INCOSE, IEEE, and IES for their support of Engineering Day at the Iowa Children's Museum in Iowa City and the Science Station in Cedar Rapids. Many visitors enjoyed coloring our Glow-in-the-Dark Solar System, as well as joining in other planned activities that ranged from making slime to building boats. Special thanks to Rockwell Collins Retired Volunteers who launched Frisbees and bowling balls with their hand-constructed machines, designed to help young people with disabilities participate in physical education activity.

Systems Engineering Certification

The International Council on Systems Engineering established its Professional Certification Program in March 2004 to provide a formal method for recognizing the knowledge and experience of systems engineers. The title of the baseline recognition of personal certification is "Certified Systems Engineering Professional." Certification is valid for three years from the date awarded, and may be renewed in three-year intervals.

Certification is a formal process whereby a community of performing skilled representatives, such as INCOSE, warrant that a person has achieved competency in certain skills. Certification differs from licensing in that licenses are permissions granted by a government entity for a person to practice within its regulatory boundaries.

How do I obtain an application for certification?

- Call office at (206) 361-6607 or (800) 366-1164,
- Write to INCOSE Certification Program Office, 2150 N 107th Street, Suite 205, Seattle, WA 98133-9009 (USA),
- Download an application form directly from www.incose.org/educationcareers/certification/index.aspx

Mailing Address
INCOSE Heartland
P.O. Box 10012
Cedar Rapids, IA 52410-0012

On the Web!
Hweb: www.incose.org/heartld



*SYSTEMICO is published quarterly.
Send articles and suggestions to
JRBuenfi@RockwellCollins.com*



**2004-2006
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Nominations for Officers and Directors are coming in October.

For more information about BOARD OF DIRECTORS and OFFICERS see Heartland By Laws http://www.incose.org/heartld/c_bylaws.htm or contact Tony Thompson (319) 295-9504.

Call for Technical Reviewers (02 Mar 05)

INCOSE is seeking members who are interested in supporting technical reviews. One of the activities of the new Technical Leadership Team is to develop a consolidated database of suitably qualified reviewers for our various publications, including papers, panels, and products. The role of reviewer is a critical part of INCOSE's infrastructure, ensuring that INCOSE's products meet professional standards. In order to be registered as a reviewer you will typically have at least five years experience in the area being reviewed or a related area.

If you are interested in participating in the reviewing process, could you please indicate your interest by sending an email to technical.review@incose.org, with the following three pieces of information:

The area(s) in which you consider yourself suitable as a reviewer. To this end, the areas of systems engineering are characterized by two parameters; the application sector

- 1=Aerospace & Defense
- 2= Consumer Goods
- 3=Emerging Technologies
- 4=Enterprise
- 5=Information Sciences
- 6=Infrastructure
- 7=Public Interest
- 8=Transportation

and the enabler

- a=Systems Science
- b=Technical Processes
- c=SE Management Processes
- d=SE Support Processes
- e=Modeling & Tools
- f=Specialty Engineering

So, for example, **2** would mean application of all aspects of SE to Consumer Goods, **1f** would mean Specialty Engineering (e.g. RAM) applied to Aerospace & Defense, **c** would mean application of SE Mgmt Processes to all sectors, and so on. (Your reviewer profile will be an area in the plane spanned by the two coordinates.)

Number of years with major involvement in SE. Main type of involvement in SE (academic, practitioner, tools developer). Optionally, it would be useful if you could include a short statement about your experience, such as "I have worked in Defense & Aerospace for over 20 years and have 10 years experience of systems engineering process improvement in the Naval Sector. This has included developing bespoke tools and aspects of systems engineering management."

Questions should be directed to Erik Aslaksen (erik.aslaksen@incose.org), Associate Director, Technical Review.