



INCOSE Chicagoland Chapter Newsletter

Volume 1, Issue 2

Fall 2011

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Upcoming Events:

November 4-6, [Great Lakes Regional Conference](#), Dearborn, MI

November 17, [Systems Engineering for Legacy Systems](#), Jeff Williams, Bell Helicopter. [Registration is currently open.](#)

December 3, [Human Factors Tutorial](#), Dr. Jen Narkevicius, Jenius LLC

December 15, [INCOSE Chicagoland Chapter Christmas Social](#), sponsored by IBM. [Registration is currently open.](#)

Coming this Winter:

[International Workshop \(IW\) 2012](#), Jacksonville, FL

All-Day Human Factors Tutorial December 3

On Saturday, December 3, 2011, the Chicagoland Chapter is pleased to host Dr. Jen Narkevicius, a renowned speaker on the topic of human factors engineering, for a one-day tutorial on the highlights of human factors engineering.

Narkevicius is the CEO and Managing Director of Jenius LLC. She has extensive experience in applying human factors engineering in the military / aerospace and transportation industries.

In many industries using systems engineering, human factors and usability are becoming increasingly important and more highly regulated. Just as im-

portantly, effective use of human factors engineering provides usability benefits for the end user, and can provide a competitive advantage in the marketplace for the organization.

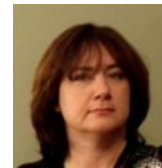
The tutorial will focus on Human Systems Integration (HSI) techniques to incorporate the human interface into robust system design. Relevant parameters to consider when assessing usability of a system will be discussed.

Topics will include all phases of product development, from defining user requirements, to outlining metrics and measuring performance. The tutorial will also include an over-

view of available human factors engineering tools and tips for establishing an in-house human factors engineering program.

Please join us to learn more about optimizing system-operator interactions throughout the product development process.

For more information, and to register for the tutorial, visit the [INCOSE Chicagoland Chapter website at incose.org/Chicagoland](http://incose.org/Chicagoland).



Dr. Jen Narkevicius,
presenter of this year's
human factors tutorial

Elections for 2012 Positions

INCOSE is currently holding elections for the following positions: president-elect, treasurer, director for commercial outreach, and director of IT. All INCOSE members are encouraged to vote. For more information on the positions and the election, visit incose.org/about/nominations.aspx.

In addition to the election of officers for 2012, members will be asked to vote for a change to the INCOSE bylaws, which would organize INCOSE into three global sectors. Visit incose.org/newsevents/news/details.aspx?id=243 for more information.

Elections for the Chicago-

land Chapter were opened on October 31 and will continue until November 30. The following represents the slate of candidates.

President—Russ Kubycheck
VP—Steve Perich
Treasurer—Steve Perich
Secretary—Bob Parro
Director-at-Large—Bill Day
Director-at-Large—Al Korzonas

IS 2012 to be Held in Rome, July 9-12, 2012



Next year's international symposium will be held in Rome, Italy amidst historical landmarks like the Coliseum

Next summer, systems engineers from around the world will meet in Rome, Italy for the INCOSE International Symposium 2012 (IS2012). The conference will take place from July 9 through 12, 2012.

Areas of special interest for IS2012 include adoption of systems engineering methodologies, im-

pacts of a global environment, cyber security, concurrent engineering, model-based systems engineering, and SE education. Industries of focus include communication systems, healthcare, emergency management, and defense and aerospace.

Anyone interested in submitting a paper for the

symposium should visit incose.org/symp2012.

The deadline for submissions is November 8, 2011. Members are also welcome to submit ideas for panel topics, and to join a working group to review submitted papers, abstracts, and panel topics.

For more information on IS2012, visit incose.org/symp2012.

Focus on Product Line Engineering

In recent months, the Chicagoland Chapter of INCOSE has featured a number of presentations about aspects of product line engineering.

In June 2010, Jim Dager of Cummins presented on strategies for managing product lines. This was followed by a presentation by Charles Krueger, which focused on product lines across phases, baselines, and products

and the tools offered by BigLever Software. In June 2011, Mikael Lindvall and Dharma Ganesan introduced the chapter to the business considerations when selecting a product line engineering strategy.

Coming up in November, Jeff Williams of Bell Helicopter will present on legacy systems, which often present a hurdle to the establishment of an effective

product line engineering strategy.

To access previous presentations on this and other topics, visit the Calendar page on the Chicagoland Chapter website at incose.org/chicagoland.

If you would like to present to the chapter about a particular product line engineering topic, please contact samantha.planas@incose.org.



[Benefits of INCOSE Membership](#)

Join the INCOSE Chicagoland Chapter on



Bob Parro, INCOSE Chicagoland Chapter President for 2011

Reflections on 2011

Membership value - maximizing it is what drives your Chicagoland Chapter Board of Directors (BoD). As I reflect back at what the Chicagoland Chapter has provisioned to members this year I am pleased with our success. With expanded meetings, now occurring in every month of the year, covering a diverse range of SE topics from tools to practitioner insights on rules to break, leading indicators, ROI, PLE, and affordabil-

ity, to the all-day Human Factors Engineering tutorial (Dec 3), it's been a rich year for SEs who have participated.

From two new satellite meeting locations in Wisconsin, to web broadcasts of chapter meetings and meeting archives, we have lowered the barrier for members to experience the value.

We have responded to the tough economy with

jobs networking at the beginning of each chapter meeting, and have formed a Chicagoland Chapter LinkedIn group to further facilitate.

Thanks go to IBM this year again for sponsoring our chapter Christmas dinner.

A huge thanks also to the BoD and committee chairs for all their significant contributions (there are many) this year.