

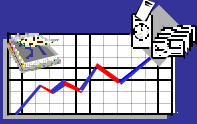
"Engineers participate in the activities which make the resources of nature available in a form beneficial to man and provide systems which will perform optimally and economically." - L. M. K. Boelter, 1957.

INCOSE Heartland Chapter



"Established 1997"

Issue 01-04



This Issue

- President Message
- Newsletter Contest
- '03 Election
- '04 Calendar
- Volunteer Opportunities
- Committee Reports

Forward Look

INCOSE
International
Workshop 2004
PORTLAND,
OREGON, USA

January 24-27
2004

Object Oriented
Systems
Engineering
Methodology
(OOSEM) Tutorial
CEDAR RAPIDS,
IOWA, USA

Saturday,
March 27, 2004
9 am - 5 pm

International Council on Systems Engineering (INCOSE) Addresses Different Membership Needs by Tony Thompson

The Heartland Chapter was established in 1997 to foster the definition, understanding, and practice of world class systems engineering in industry, academia, and government. The chapter has grown since then from the original seven members to over forty.

A membership in the International Council on Systems Engineering (INCOSE) will expand your view of the engineering of complex systems and your knowledge of the many aspects of the practice. Project managers, software and hardware engineers and product developers are joining INCOSE to learn how to use the systems engineering process and apply it to their industries. Get a global perspective of your job responsibilities. Learn how the application of systems engineering techniques can improve your job performance and your organization's well being.

The BOD and I hope you will agree the coming year promises to be fun filled and exciting. We are implementing few changes to Heartland leadership structure and rolling out our Heartland newsletter to more effectively communicate with membership and friends.

'04 Chapter Measures for Success

- Goal 1 - Win Silver chapter recognition from INCOSE
- Goal 2 - Identify INCOSE National Project for Heartland Chapter participation
- Goal 3 - Establish liaisons with regional industries and professional societies
- Goal 4 - Increase membership by 20%
- Goal 5 - Sponsor regional tutorial for 2004
- Goal 6 - Coordinate joint society 2005 AoS Conference

Newsletter Naming Contest by Jorge R Buenfil

Prize \$50.00 Barnes & Noble gift certificate

Rules The results cannot be appealed and are final

- Every HEARTLAND CHAPTER INCOSE in good standing (dues paid as of 2/15/04) is eligible to participate
- Email Jorge Buenfil up to 3 newsletter name proposals by 2/15/04
- The Board of Directors will down select the proposals to 3 official candidates
- The HEARTLAND CHAPTER INCOSE membership will then vote for their favorite names by emailing Jorge Buenfil of their preference order
- Scoring - The first name selected will get 3 points, the second name selected will get 2 points, and the third name selected will get 1 point. The name with the most points wins



Mailing Address
INCOSE Heartland Chapter
P.O. Box 10012
Cedar Rapids, IA 52410-0012
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(800)366-1164

On the Web!
www.incose.org/heartld
heartlandbod@incose.propagation.net

Newsletter is published bi-monthly.

Articles and submissions should be sent to: Jorge_Buenfil@yahoo.com

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Heartland will be hosting the 2005 Avenue of the Saints Conference on Systems Engineering Cedar Rapids, Iowa

March 8-10, 2005

2004 Calendar of Events

Officers are conscientious of scheduling; best days are 3rd week of the month, Tuesdays or Thursdays.

January 2004

- INCOSE Heartland Membership Drive
- INCOSE International Workshop 2004, January 24-27 2004, PORTLAND, OREGON, USA; Registration Required!

February 2004

- Product Family Engineering "Ray Jorgenson"
- National Engineers Week (NEW) February 22-28, 2004
<http://www.eweek.org>

March 27, 2004

- Object Oriented Systems Engineering Methodology (OOSEM) Tutorial, Saturday, March 27, 2004, 9 am - 5 pm, CEDAR RAPIDS, IOWA, USA, Sandy Friedenthal, Lockheed Martin INCOSE Chair of Object Management Group (OMG) & Design Systems Interest Group (DSIG); Registration Required!

April 2004

- Iowa State University (ISU) Simulator Tour

May 2004

- Crazy Horse Memorial, "Carving a Mountain", The Crazy Horse Memorial mountain crew uses precision explosive engineering to carefully and safely remove and shape the rock of the mountain.

2004 Calendar of Events

(Continued)

June 2004

- Cardboard Boat Regatta "Construction"
- 14th Annual International Symposium, June 20-24 2004, TOULOUSE FRANCE; Registration Required!

July 2004

- Cardboard Boat Regatta (Race Day)

August 2004

- Rock Island Tour "Steve"

September 2004

- COSYSMO Tutorial, Dr. Barry Boehm and Ricardo Valerdi. COSYSMO industry, government, and academia tool for Estimating Cost of System Engineering.

October 2004

- INCOSE Heartland Membership Drive

November 2004

- Heartland Banquet at "The Roosevelt", CEDAR RAPIDS, IOWA, USA; Registration Required

December 2004

Bye Month - Happy Holidays

Requests or suggestions for upcoming meetings should be sent to [Walid Shawbaki](#)

Meeting locations vary and will be announced via the Heartland WebPages.

Committee Reports

Get Involved In Many Ways!

- **Heartland Working Group** – Contact [Lisa Wilcox](#)
- **Cardboard Boat Regatta Race Team** – Contact [Tony Thompson](#)
- **2005 Avenue of the Saints Committee** - Contact [John Povacz](#)

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Chapter Election Results 2004-2006 Board of Directors (BOD)

The polls are closed and results are in. Votes were unanimous for each candidate with 16% of the membership responding. Please welcome the new Heartland Officers and Directors. They will serve for two years begin at the first CHAPTER meeting held after 1 January.

Also, please extend a welcome and thanks to our newest Director and Communication Chair Jorge Buenfil. Jorge is a great addition to our team and I am sure will be our best ever Heartland News Letter Editor.

Big thanks to Ray Jorgensen for his outstanding leadership and his new role not only as past president but as our new Membership Chair. Thanks Ray.

And finally, a huge Heartland thanks to John Povacz for continuing on as our Program Chair. John has agreed to lead the 2005 Avenue of the Saints Conference (AoS CR) and assist with other Heartland funding campaigns.



2004-2006 Board of Directors (BOD)

<p>President Tony Thompson Rockwell-Collins, Inc. eMail: ajthomps@rockwellcollins.com Phone: 319-295-9504</p>	<p>Vice President-President Elect Walid Shawbaki Rockwell-Collins, Inc. eMail: wsshawba@rockwellcollins.com Phone: 319-295-8860</p>
<p>Treasurer Bernie Lettington Rockwell-Collins, Inc. eMail: bhlettin@rockwellcollins.com Phone: 319-295-0305</p>	<p>Secretary Lisa Wilcox Rockwell-Collins, Inc. eMail: lkwilcox@rockwellcollins.com Phone: 319-295-0688</p>
<p>Past President Ray Jorgensen Rockwell-Collins, Inc. eMail: rwjorgen@rockwellcollins.com Phone: 319-295-2615</p>	<p>Chair, Program Committee John Povacz Rockwell-Collins, Inc. eMail: jfpovacz@rockwellcollins.com Phone: 319-295-3504</p>
<p>Chair, Communications Committee Jorge R Buenfil Rockwell-Collins, Inc. eMail: jrbuenfl@rockwellcollins.com Phone: 319-295-9326</p>	<p>Chair, Membership Committee Ray Jorgensen Rockwell-Collins, Inc. eMail: rwjorgen@rockwellcollins.com Phone: 319-295-2615</p>

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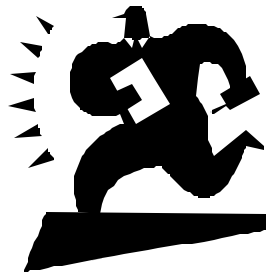


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Help Wanted



Calling all technology and science experts. Were looking for volunteers to make a difference in a child's life.

"Be great in act, as you have been in thought." - William Shakespeare

Judges Needed

- Judges are needed for this year's National **Engineers Week Future City Competition** to be held Saturday, Jan. 24, at Prairie Middle School. Seventh- and eighth-grade students participate in a national competition using SimCity 3000 to design a city, create a scale model of a portion of their city, write an essay and make a presentation to judges. More than 60 student teams will be competing and 70 judges are needed for the event. Judges' orientation will be held at 8:30 a.m. on event day and judging will follow from 9:30 a.m. to 12:30 p.m. Scoring criteria will be provided. Contact Jenny Becker at 295-8122 if interested.
- Looking for **Science Fair Judges** -- Science fair judges are needed for elementary school science in the College Community school district. Volunteers are needed Thursday, Jan. 29, from 6:30 to 8 p.m. at Prairie Ridge and from 6:30 to 8 p.m. on Thursday, Feb. 19, at Prairie Crest. Contact Jenny Becker at 295-8122 if interested.

Tutors Needed

Math tutors are needed at Linn-Mar High School to work with students in a variety of math areas. Times are flexible. Contact Jenny Becker at 295-8122 if interested.

Members Only Area

To get recent Chapter announcements from INCOSE Central, Working Group Subscription services, register at the following web-sites

[Heartland Members](#)

<http://incose.propagation.net/mailman/listinfo/heartlandmembers>

[Heartland BOD](#)

<http://incose.propagation.net/mailman/listinfo/heartlandbod>

[INCOSE Chapters Reflector](#)

http://groups.yahoo.com/group/incose_chapters/

[Post Message](#)

mailto:incose_chapters@yahoogroups.com

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[Unsubscribe](#)

mailto:incose_chapters-unsubscribe@yahoogroups.com

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