

Los Angeles Chapter of INCOSE

COMING EVENTS

INCOSE-LA Dinner Meeting

“Systems Engineering in the wake of September 11th”

by Dick Croxall

Vice President Quality and Chief Engineer in the Space and Electronics Group of TRW
November 13, 2001

Time:

5:30	Social Hour
6:30	Welcome
6:45	Presentation

Location:

The Aerospace Corporation, 2350 E. El Segundo Blvd. El Segundo, CA

COST:

Free for members, \$10 for non-members,
Pay at the door (includes sandwich makings and sodas)

Members and Nonmembers:

By November 8, make your reservation (name, citizenship, company, phone number and email address) with Ron Williamson at 310-336-2149 or ronald.w.williamson@aero.org

Non members, please pay on site.

RESERVATIONS ARE REQUIRED: By Thursday, November 8, 2001 please.

INCOSE HOLIDAY PARTY

**Susan Ruth is hosting an INCOSE Party
At her home**

Sunday Evening, December 2nd

**RSVP - Susan Ruth
by November 23rd.**

**Email or Phone
susan.c.ruth@aero.org
310-336-6765**

INCOSE-LA Chapter Tutorials

Saturday February 9, 2002
Object Oriented Systems Engineering
Sanford Friedenthal
Lockheed Martin

Issue No. 2

October, 2001



From the President Chapter Revitalization Report Michael E. Krueger

In this edition of the LA INCOSE newsletter, I want to give you an update on the revitalization of our chapter.

The LA Chapter calendar for the year is filling up with some outstanding guest speakers for the dinner speaker meetings and fine instructors for tutorials that address current key SE topics. We are just starting to plan the mini-conference coming in June of 2002. The mini-conference is designed so that LA members will be given a preview of the papers and presentations to be given at the Las Vegas Symposium this summer by it's own members.

To date speakers for our dinner meetings and tutorials have been our highest priority, but in parallel with this, we are activating our Website, revamping our newsletters and continuing our email correspondence to our members.

The following are some highlights of the past month's activities for the Chapter:

October Dinner Speaker meeting and Installation:

We had a great turnout at our Installation and first dinner speaker of the year. 65 registered and the actual head count was 56 including 14 guests. A special thanks goes to Susan Ruth and Ron Williamson for organizing the event. And thanks to Jim Rose for his most interesting and lively presentation on Risk Management and to Dr. George Friedman for doing the honors of installing this years Board of Directors and Officers.

Speakers and Tutorials:

Inserted in this newsletter is the calendar for the year. As you can see, not all of the dinner speaker and tutorial slots are filled yet, but we are making good progress. As we continue to identify and secure new speakers or make changes, the calendar will be updated and sent out as part of the newsletter.

Website, Newsletter and Email:

Aerospace will be hosting our new website and plans to be activate it this coming December. The newsletter format now includes a list of new and returning members, the LA INCOSE Calendar and an INCOSE International section so that the LA Chapter can be more directly linked to our parent organization. Email is now being managed by Riaz Musani (riaz.s.musani@aero.org).

LA Chapter is one of the INCOSE Sponsors of the National Engineers Week:

INCOSE Chapters were called upon to help sponsor the National Engineers Week event, February 17-23, 2002, Ralph Hill led this activity as part of the Las Vegas (Silver State) Chapter.

Los Angeles along with sixteen other INCOSE Chapters has contributed to this event. The goal of a total contribution from INCOSE Chapters of \$1,000 for the event was met.

Our Chapter donated \$100.00.

What is National Engineers Week? The following was copied from their website's FAQ - www.eweek.org.

"National Engineers Week was founded in 1951, by the National Society of Professional Engineers. It's always celebrated at the time of George Washington's birthday. Our nation's first president was a military engineer and a land surveyor.

Q. What is the Week's purpose?

A. The mission then, and now, is to increase public awareness and appreciation of the engineering profession.

Q. Who sponsors National Engineers Week?

A. At the national level, there is a National Engineers Week Committee, comprised of volunteer leaders from the engineering societies and major U.S. corporations that contribute financially to the annual event. Each year a different engineering society and a corporate partner team up to chair the event. The chairing organizations are drawn from among the sponsors."

Chapter Help -We still need your help!

As I have said before there is much to do. We have a very dedicated board, but as individuals there is only so much that can be done. We need to widen the participation and get support and reinforcements in to help. We need help in the following areas:

Webmaster:

Someone who will look after the content of the site. The mechanics of putting on the site is covered. We need someone who will take ownership of our site. Please contact Susan Ruth (susan.c.ruth@aero.org).

Newsletter:

Someone with desktop publishing and layout skills who would take charge of this extremely important communications vehicle. We have a good start with the new look and would like to continue to build on this. In addition, consistency between the newsletter and website will be important so this individual would be involved with the Website development. Please contact Edwetta Currie (Edwetta.Currie@West.Boeing.com).

Tutorial, Dinner Speaker and Mini-Conference event logistics:

The Systems Engineering Education Committee Chair (Saul Miller) and the Program Chair (Mike Dickerson) have lined up tutorial instructors and Guest Speakers. We need help at these events to support the facilities, organization, registration, receipt of monies, food service etc. If you would like to help please contact Saul Miller (saul.miller@aero.org) or Mike Dickerson (michael.dickerson@jpl.nasa.gov).

Speakers, Presenters, and Tutorial Instructors:

We are looking for high quality speakers and tutorial instructors that have very interesting and relevant topics in the area of Systems Engineering. If you are one, or know of someone who you can recommend and especially are in contact with and would be willing to take the lead in securing for an engagement, please contact Saul Miller or Mike Dickerson.

Michael E. Kraeger



Dinner Meeting November 13, 2001 Featured Speaker

Speaker: Dick Croxall

Topic: Systems Engineering in the wake of September 11th.

Biography:

Mr. Croxall has been with TRW Inc. for 35 years where he is currently Vice President Quality and Chief Engineer in the Space and Electronics Group. In this role he is responsible for engineering processes and operations, and is the lead executive for Quality. The Group employs over 8000 people and has annual sales of approximately \$3B. Prior to this assignment, he was Director of Engineering, TRW Defense Systems Division. In this position, he had technical and business management responsibility for mission system engineering and integration of major TRW space programs. During his time with TRW, Mr. Croxall has also managed space system and technology development programs and has been heavily involved in long range planning, marketing strategy, and resource allocation.

Mr. Croxall is an alumnus of Cal Poly Pomona (Mechanical Engineering) and the UCLA Executive Program. His hobbies include classic automobiles, tennis, jogging, water skiing, and youth sports. He and his family have resided in El Segundo for 32 years, where he has served on the Recreation and Parks Commission, Board of Education, and Chamber of Commerce, and has coached all levels of baseball in El Segundo. He is currently serving on the Schools of Engineering Dean's Councils at UCLA, Cal Poly, and USC, and is the Executive Sponsor of the TRW Women's Network Group and the Hispanic Network Group, Adelante.

Directions to Aerospace:

From the 405 Fwy, exit El Segundo Blvd:

If you are southbound on the 405, turn left at the bottom of the offramp (La Cienega) and the turn right (west) at the signal (El Segundo), go past Aviation and make a "U" turn at Douglas (the turn in to Aerospace is not allowed 3pm-6pm) and turn right to enter the main gate. Parking is to the right in any parking spot.

If your northbound on the 405, turn left (west) at the bottom of the offramp onto El Segundo. Continue past Aviation to Douglas and make a "U" turn (the turn in to Aerospace is not allowed 3pm-6pm) and turn right to enter the main gate. Parking is to the right in any parking spot.

From the I-105 Fwy, exit Nash:

Go south on Nash (one way south) to El Segundo, turn left on El Segundo and then turn right into the Aerospace main gate (turn in is just past Douglas). Parking is to the right in any parking spot.

Aerospace Security Precautions:

Please bring 2 forms of picture identification (Drivers license, Company identification or Passport).

Los Angeles Chapter of INCOSE Calendar 2001-2003

Nov 2001 13 th Dinner Speaker Dick Croxall System Engineering in the wake of September 11.	Dec 2 nd INCOSE Holiday Party – RSVP Susan Ruth	Jan 2002 8 th Dinner Speaker Eberhardt Rehtin Organizational Architecting
Feb 3 rd -7 th INCOSE International Workshop 9 th Tutorial Sanford Friedenthal Object Oriented Systems Engineering	Mar 12 th Dinner Speaker Tom Fitzgarold Air Force Office of Systems Engineering 23 rd Michael E. Krueger SE Fundamentals	Apr 13 th Tutorial Tom Kudlick CMMI
May 14 th Dinner Speaker Myron Hecht Liability issues in Systems Engineering	Jun 7 th -8 th LA Chapter Mini- Conference	Jul 28 th -31 st INCOSE Annual Symposium
Aug 1 st INCOSE Annual Symposium 17 th Michael E. Krueger SE Fundamentals	Sep 10 th Dinner Speaker Mike Dickerson	Oct 12 th Tutorial
Nov 12 th Dinner Speaker Ken Salter 23 rd Michael E. Krueger SE Fundamentals	Dec No Events Scheduled	Jan 2003 14 th Dinner Meeting
Feb INCOSE International Workshop	Mar 15 th Tutorial 22 nd Michael E. Krueger SE Fundamentals	Apr 8 th Dinner Speaker

New and Renewing Los Angeles Chapter Members August-October:

We would like to welcome the following new and renewing members to the LA Chapter of INCOSE.

Allan	McInnes	The Aerospace Corporation
Mario	Miranda	BD Systems Inc
Rahim	Munshi	Northrop Grumman
Kevin	Pratt	Raytheon
Gloria	Stoppenhagen	FHWA-CA Division
W. Frank	Van Der Laan	TRW
E. Richard	Widmann	Boeing Space & Communications
Benjamin	Wu	The Boeing Company

INCOSE News

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INCOSE International News:

For Updated News please access www.INCOSE.org.

The INCOSE International workshop - February 3-7, 2002 in Mesa, Arizona.

Annual INCOSE Symposium July 28- Aug 1, 2002 in Las Vegas, Nevada.

Special Membership Request:

The addition to the tutorials that are being planned for the year we would like to know if a 1 day (6 hours) Systems Engineering Fundamentals Course given periodically would be of interest to the membership. This course would include the following topics:

- What is a system and systems engineering
- Lifecycle models, definitions
- Standards and Organizations (INCOSE overview)
- SE Capabilities overview
- Role of the Systems Engineer

There would a cost associated with this course the range would be from \$150.00 to \$250.00 per student.

If this is of interest please send an email to **Michael E. Krueger** at mekrueg@pacbell.net

The International Council of Systems Engineering (INCOSE) is an organization formed for the purpose of advancing the art and science of systems engineering in various areas of the public and private sectors. The Los Angeles Chapter meets several times per year for dinner meetings, and additionally sponsors tutorials and other activities of interest to those in the systems engineering field or related fields. L. A. Chapter Officers are as follows:

President:	Michael E. Krueger – michael.krueger@transcore.com
Vice-President:	Katy Kuey – katy.kuey@lmco.com
Past President	Dave Beshore – David_G_Beshore@raytheon.com
Treasurer:	Marsha Weiskopf – marsha.weiskopf@aero.org
Secretary:	Scott Jackson – scott.jackson@boeing.com
Membership:	Susan Ruth – susan.c.ruth@aero.org
Programs/Speakers:	Michael L Dickerson – michael.dickerson@jpl.nasa.gov
Ways and Means:	Thomas Kudlick – synchrocubed@aol.com
Tutorials/Education:	Saul D. Miller – saul.miller@aero.org
Communications:	Edwetta Currie – Edwetta.Currie@West.Boeing.com

Those interested in INCOSE membership please contact contact Susan Ruth.
Those interested in working on a committee please contact the appropriate Director.