NEWSLETTER

Los Angeles Chapter of INCOSE

COMING EVENTS

INCOSE-LA
Installation of the Board and Dinner Meeting

"Risk Management"
by Jim Rose, Jet Propulsion Laboratory
at Aerospace Corp.
October 10, 2001

Time:
5:30 Social Hour
6:30 Welcome and Installation of Officers
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 October 4, 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, October 4 please.

INCOSE-LA
Chapter Tutorials

Saturday February 9th
Object Orinted Systems Engineering
Sanford Friedenthal
Lockheed Martin

**From the President
Vision 2001
Michael E. Krueger**

I am very proud to be the New President of the Los Angeles Chapter of INCOSE.

In the last few months we have elected a new Board of Directors and Officers, renewed our commitment, developed a new vision, and we are ready to lead the revitalization of our Chapter.

We have been having weekly telecon's planning the year for the Chapter and I have been very impressed with the creativity, energy, and motivation that the board has shown.

You have a strong Board and as a result we are going to have a GREAT year.

Let me introduce to you the new Board of Directors and Officers:

Officers:

Vice President	Katy Kuey
Immediate Past President	Dave Beshore
Secretary	Scott Jackson
Treasurer	Marsha Weiskopf

Directors:

Programs	Mike Dickerson
Communications	Edwetta Currie
Membership	Susan Ruth
Ways and Means	Tom Kudlick
Systems Engineering Education	Saul Miller

We as a Chapter have much to do. Our agenda each week is long and growing. But we are making good progress. I want to share a couple key agenda items with you but before I do, I want to share some of my thoughts about the LA Chapter with you so that you know where I am coming from.

I believe that the LA Chapter of INCOSE is in the heart of the Systems Engineering World. We have nearly 10% of the INCOSE membership in the LA area with the potential of easily doubling that without breaking a sweat. I believe that nowhere else in the world is the Systems Engineering profession practiced more each day then right here in the Los Angeles area. I also believe that the need for good Systems Engineering is great right here in our backyard. I believe that we have a significant resource of Systems Engineering expertise in industry and academia. Not to mention, Systems Engineers who have retired but still have an interest or are still actively practicing Systems Engineering as consultants. With that said, I believe there is a tremendous responsibility to let our light shine in the Systems Engineering community.

And what does that mean?? And how do we go about doing that??

I believe these questions are answered in the following seven (7) point vision for this year. This vision will also be critical elements in the future growth of our Chapter:

1) **Technical growth:** By providing the Systems Engineering Practitioner with technical support through papers, tutorials, mentoring, dinner meetings, and discussions over our email reflector, and Website postings of technical articles. Note: we don't support discussions over the reflector.

2) **Outreach:** By continuing to be closely linked to our neighboring INCOSE Chapters and supporting joint activities, with INCOSE at large by actively being involved in the development of products of the working groups and technical committees, and supporting our local Corporate Advisory Board (CAB) members

3) **Continuous improvement:** By being involved with other Technical Societies such as the IEEE, AIAA, and PMI etc. We will learn and grow by integrating the ideas from these societies into our thinking.

4) **Leveraging our resources:** By tapping into our strengths which include experience, diversity, and young talent that I believe we have in abundance.

5) **Expanding our view:** By branching out into new fields that practice Systems Engineering using other terms, such as Transportation, Environmental Sciences, Information Technologies, Business practices, Automotive, etc.

6) **Mentoring:** By sharing our vision, wisdom and experiences with young engineers so they can grow. In turn, they will impart energy and fresh ideas, and new ways of thinking about Systems Engineering.

7) **Education:** By being involved with our schools at all levels, and support Teachers and Professors who teach students systems thinking.

As can be seen there is plenty to do. And we have a very short time to do it.

We need your help; we need volunteers to work on the various committees, speakers, tutorial leaders, and to support the logistics of the dinner meetings, tutorials, and mini-conference as well as the Chapter Website support, Newsletter articles, facilities for holding events, 2002 INCOSE Symposium Exhibit support, and Strategic Planning for the Chapter.

So, let's talk about a couple near term agenda items that will be visible to you. LOur agenda calls for getting back to the basics of our Chapters objectives and getting our Chapter infrastructure up and running. You will see in the near future the following:

- This first Newsletter – Our goal is to publish the Newsletter once a month.

- The LA Chapter Website up and running with a whole new look, feel and improved utility.

And over the next 16 months, we are targeting 9 speaker meetings, 4 tutorials and a mini-conference. In addition, we are supporting the 2002 INCOSE Symposium in Las Vegas next July. These agenda items are critical in the implementation of the seven (7) point vision for the Chapter mentioned earlier.

I believe the vision and the agenda we have set is critical, and it can work, only if we work together.

The Newsletter has a list of contacts for me and the Board of Directors if you desire to get involved. I look forward to working with you and I personally want to meet each member of the Chapter before my term as President is completed.

Thanks for listening

Installation of the Board and Dinner Meeting
Featured Speaker

Speaker: Jim Rose
Topic: Risk Management

Biography:

Jim Rose is an Engineer Principal at JPL, and the process owner of the JPL process "Manage and Mitigate Risk". He is a spacecraft systems engineer by background, and has worked on Planetary and Earth orbiting missions for 32 years. Before the Risk Management assignment, he was the Project Engineer on the highly successful TOPEX/Poseidon Oceanographic satellite. As process owner, his responsibilities include documenting, teaching and assisting in the implementation of Risk Management on all JPL Flight Projects and Programs.

Directions to Aerospace:

From the 405 Fwy, exit El Segundo Blvd.
If you are southbound, 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 you are northbound, turn left (west) at the bottom of the offramp onto El Segundo. Continue past Aviation to Douglas and mke 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 1205 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.

Security Precautions:

Please Bring 2 forms of picture identification. Drivers license, Company identification or Passport.

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 on a monthly basis would be of interest to the membership. This course would include and overview of Systems Engineering. There would a student cost associated with this

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

If this is of interest please send an email to me at
mekrueg@pacbell.net

INCOSE News

Los Angeles Chapter of INCOSE Calendar 2001-2002

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MAY	JUNE	JULY	AUGUST 2001
			Elections announced. BOD Telecons – 16th, 23rd, 30th. Organizing and Planning

SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
BOD Telecons 6, 13, 20, 27. Organizing and Planning. Newsletter Published – 17th. Constitution and Bylaws Vote	BOD Telecon 4, 11th. Dinner meeting - 10th - Jim Rose. Installation of the Board 10th. *BOD Meeting 10th. Newsletter Published 15th	BOD Telecon 1st. 2002 Symposium Workshop Nov 2. Dinner meeting 13th Francis Thompson. *BOD Meeting 13th. Newsletter Published 19th	BOD Telecon 6th. BOD Party and Meeting 11th. Newsletter Published 17th. Strategic Plan Published

JANUARY 2002	FEBRUARY	MARCH	APRIL
BOD Telecon 3rd. *Dinner meeting 8th Eberhardt Rechtin. Newsletter 21st. BOD Telecon 31st	International Workshop 3rd – 7th. Tutorial - 9th. OO Systems Engineering 9th. Sanford Friedenthal Lockheed Martin. *BOD Meeting. BOD Telecon – 14th. Newsletter 18th	BOD Telecon 7th. Dinner meeting -12th Tom Fitzgarold. *BOD Meeting 12th. Fundamentals Part 1 – 23th. Newsletter 18th	BOD Telecon 4th. Tutorial 13th – Tom Kudlick. *BOD Meeting 13th. Newsletter 15th

MAY	JUNE	JULY	AUGUST
BOD Telecon 2nd. Dinner meeting – 14th Dave Durham. *BOD Meeting 14th. Newsletter 20th	BOD Telecon 6th. Mini- Conference 7th -8th. Newsletter 17th	BOD Telecon – 11th. Newsletter 15th. Annual Symposium 28th - 31st	Annual Symposium 1st. BOD Telecon 8th. SE Fundamentals Part 2 – 17th. Newsletter 19th

SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
BOD Telecon 5th. Dinner meeting 10th. *BOD Meeting 10th. Newsletter 16th	BOD Telecon 3rd. Tutorial 12th. *BOD Meeting 12th. Newsletter 21st	BOD Telecon 7th. Dinner meeting 12th. *BOD Meeting 12th. Nominating Committee Meet 15th Newsletter 18th. SE Fundamentals Part 3 – 23rd	BOD Telecon 5th. Ballots for New Board Sent 9th. BOD Party and Meeting 14th. Newsletter 23rd.

JANUARY	FEBRUARY	MARCH	APRIL
BOD Telecon 2nd. Dinner meeting 14th. *BOD Meeting 14th. Electons on New Board Announced 10th. Newsletter 20th	INCOSE International Workshop (??). BOD Telecon 6th. Dinner meeting 11th. *New BOD Meeting 11th. Installation of New Board 11th. Newsletter 17th	BOD Telecon 6th (New Board). Tutorial 6 15th. *BOD Meeting 15th. Newsletter 17th. SE Fundamentals Part 4– 22th	BOD Telecon (New Board). Dinner Speaker 8th. *BOD Meeting 8th. Newsletter 15th

INCOSE News

New Los Angeles Chapter Members:

INCOSE International News:

Issue #1

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Chapter Financial Report:

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.weiskoph@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 should contact Susan Ruth
Those interested in working on a committee please contact the approporate Director.