NEWSLETTER

INCOSE LOS ANGELES

GOLD CIRCLE AWARD
2002, 2004-10

SILVER CIRCLE AWARD
2003

2008 President's Award for Most Outstanding Chapter

INCOSE
International Council on Systems Engineering

UPCOMING EVENTS

Joint INCOSE-LA/SPIN November Speaker Meeting
Human Centered Design:
If it Doesn't Work for Humans, It Doesn't Work
Presenters: Hadar Ziv and Judy Olson,
When: Tuesday, November 8, 2011, 5:30 p.m. to 7:45 p.m.
Where: Booz Allen Hamilton – LAX Office (host site)
Remote sites throughout the Southern California
See page 2 for details

2012 IEEE Aerospace Conference Paper Review Party
When: Sunday, November. 13, 2011, 8:30 a.m. - 4:00p.m.
Where: El Segundo, California
See page 6 for more details

16th Annual INCOSE Region II Fall Mini-Conference
When: Saturday, November 19, 2011 8:00 a.m.—4:00 p.m.
Where: National University, La Jolla, CA
See page 7 for more details

SAVE THE DATE

INCOSE-LA Board Elections—December
More details to come next month

INCOSE-LA Year End Holiday Party
When: Sunday, December 11, 2011, 3:00 p.m.—7:00 p.m.
Where: Susan Ruth's Home, Whittier
See page 6 for more details

IBM Rational Systems and Software Symposium
When: Tuesday, December 13, 2011, 8:30 a.m.-7:00 p.m.
Where: Hilton Orange County/Costa Mesa
Cost: FREE
See page 4 for more details

International Workshop (IW2012)
When: January 21-24, 2012
Where: Jacksonville, FL

Conference on Systems Engineering Research 2012
When: March 19-22, 2012
Where: St. Louis, MO

INCOSE-LA Mini-Conference
When: Saturday, March 31, 2012
Where: Loyola Marymount University, Los Angeles
See page 6 for more details

Interview Skills Workshop
Date and Location to be announced
See page 5 for more details

INCOSE-LA ELECTIONS COMING IN DECEMBER!

It is that time of year: footballs are in the air with speculations about BCS standings, leaves are falling, and off-year elections are taking place. Likewise, our own INCOSE-LA Chapter will soon be asking all of you valued members to vote on its 2012 Board of Directors .

In the coming weeks, the special December newsletter will introduce you to all of the running candidates. These are the selected members that the Nomination and Elections Committee believe will help advance systems engineering as a profession and will continue to contribute to the success and growth of this Chapter.

All INCOSE members who are affiliated with the Los Angeles Area Chapter have the opportunity to contribute to the Chapter by voting for your Board of Directors.

Please be on the lookout for your special Election Edition Newsletter so you can get to know the candidates for the 2012 Board of Directors. You are all encouraged to vote in the yearly elections that will take place in December.

If you are interested in doing more in the Southern Californiia systems engineering community and would like to learn more about serving on the Board of Directors, you may reference officer duties on the INCOSE-LA website at: http://incose-la.org/chapter/governance/officer-duties.html. You may learn more about the Chapter's nomination and election process by referencing the by-laws at: http://incose-la.org/chapter/governance/by-laws.html.

If you would *like additional information, please contact Rosalind (Roz) Lewis, Past President, email rosalind.lewis@aero.org, or Beth O'Donnell, President, email elizabeth.odonnell@incose.org.*

Joint INCOSE-LA/SPIN Speaker Meeting
Human Centered Design:
If it Doesn't Work for Humans, It Doesn't Work

Presenters: Hadar Ziv and Judy Olson,
University of California Irvine (UCI)

PARTICULARS

When: Tuesday, November 8, 2011, 5:30 p.m. to 7:45 p.m.
Where: Booz Allen Hamilton – LAX Office (host site)
5220 Pacific Concourse Drive
Building 5220 - 2nd floor, Suite 200, Los Angeles, CA 90045
Cost: Members: FREE, Non-members: Suggested donation of $5.00 if refreshments provided (covers cost of food and beverages at sites with refreshments)
Not a member? Why not sign up for INCOSE today?
http://www.incose.org/membership/valueofmembership.aspx
R.S.V.P. by Friday, November 4, 2011

Meeting Agenda:

5:30 - 6:15 p.m.	Registration, Networking, Refreshments
6:15 - 6:30 p.m.	Welcome & Announcements
6:30 - 7:45 p.m.	Presentation followed by Q&A

Substantial refreshments will be provided at the host site. Refreshments may not be provided at remote sites, or may be provided at no charge. Contact Remote Site POCs for more information.

Abstract: For modern software and systems with software to be successful, they have to not only work, but they also have to provide an engaging, useful, and usable experience. This presentation will cover three primary topics:

- Introduction to human centered design (HCD)
- Return on Investment in adding HCD to systems and software engineering
- How to incorporate it into existing software and systems development lifecycles.

The talk is based on both research and students' repeated successes in following this integrated design method in their year-long capstone projects at UCI.

Biographies: *Professor Hadar Ziv* is a researcher and lecturer in Informatics at the School of Information and Computer Sciences at UCI, with 30 years of computer-science education and software-engineering experience.

He publishes regularly in academic conferences. An early paper of his in systems engineering is considered influential in the formative years of Agile and Scrum methodologies. He has worked as consultant for several organizations who wished to include use cases, requirements engineering, object-oriented analysis and design with Unified Modeling Language, and corresponding test strategies in their software-development practices.

Hadar has provided consulting, training and mentoring services to companies such as Capital Group, Fidelity National

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Title, Logicon (now Northrop Grumman), The Aerospace Corporation, and most recently St. Jude Medical. He was awarded UC Irvine's Excellence in Teaching award in 2003.

Professor Judith Olson is a Bren Professor of Information and Computing Sciences at UCI, with a joint appointment in the Merage School of Business. She is recognized as a pioneer in human-computer interaction and as an innovator of methods to incorporate concern for user's needs and capabilities into design practice. Her work is deeply grounded in 35 years of research as well as experience consulting in industry, including Ford Motor Corporation, Chrysler Corporation, Steelcase, IBM, Sun, and a myriad of smaller organizations.

She has over 80 publications, is a Fellow of the Association for Computing Machinery (ACM), won the Lifetime Achievement Award in ACM's SIGCHI, and last year was awarded ACM's Athena Award, which is for the Woman of the Year in Computer Science. She also won the 2011 Undergraduate Teaching award in Informatics at UCI.

Together, professors Ziv and Olson teach the capstone software project class for Informatics seniors, for which students employ the same tools and methods that they will discuss—the tools and methods to develop web-based and mobile applications for real customers.

R.S.V.P.: Please R.S.V.P. by Friday, November 4, 2011. We request that all reservations are made online at www.incose-la.org. This helps to facilitate event registration and planning for our host site and our remote sites. Visitors at JPL and Boeing must register by the R.S.V.P. deadline to provide visitor clearance from site security.

You will be asked to provide your email address, name, title, company, phone number, and membership and citizenship information, and to identify at which site you will be attending.

If you are uncertain whether or not you'll be able to attend, DO make a reservation and indicate that you're uncertain.

Locations:
Host site: Presenter will be in attendance at this location. Booz Allen Hamilton, Suite 200, 5220 Pacific Concourse Dr, Los Angeles

Remote webcast sites: Gather for networking and joining virtually. Contact site coordinator for information or directions.

-- Antelope Valley College. Open to all. Site coordinator: Mike Wallace, 661-540-0290 or m.wallace@ngAntelope Valley/Palmdale: c.com.

-- Huntington Beach: Boeing - Bldg 17, Room 109, 14900 Bolsa Chica Road, Huntington Beach. Open to US citizens and non-resident aliens. Unfortunately, foreign nationals will not be able to attend at The Boeing Company site. Visitors will need to arrive by 6:00 p.m. to obtain a visitor's badge from security. *Refreshments will be provided at this site.* Site coordinator: Beth O'Donnell, 714-837-6924 or elizabeth.odonnell@incose.org.

-- Goleta: Control Point Corporation, 110 Castilian, Suite 200, Goleta CA. *Refreshments will be provided at this site.* Site coordinator: Scott Grant, 805-882-1884, x108 or scott.grant@control-pt.com.

-- Pasadena: Jet Propulsion Laboratory (JPL), 4800 Oak Grove Dr, Pasadena CA. Open to all. Visitors must register by R.S.V.P. deadline. Site coordinator: Chelsea Dutenhoffer,

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Recap: October Speaker Meeting
Panel Discussion on the INCOSE Professional Certification Program
By Don Latterman

The October 11, 2011 INCOSE-LA Chapter Speaker Meeting featured a panel discussion on the INCOSE professional certification program. Panelists included Dave Walden, Grailing Jones, and John Clark (virtually), as well as John Silvas, Christine Wolf, and Peter Sedivec (locally).

John Silvas, chapter Vice-president and President-elect, reviewed the panel discussion format and introduced the panel members to the audience.

Dave Walden, as the INCOSE certification manager, kicked off the discussion. He cited that that the INCOSE professional systems engineer certification serves the stakeholders of systems engineering community. He explained that this includes:

1) The systems engineering community itself—in establishing a standard for systems engineering professionals through the INCOSE systems engineering handbook as the body of systems engineering knowledge and the follow-on bookcase and systems engineering Handbook II projects
2) The systems engineering professionals themselves—through personal certification and assuring continuing systems engineering experience through advancing levels of certification and meeting the professional development requirements
3) the founding industry organizations and educational institutions—through establishing industry standards for systems engineering professionals in educating and providing a professional work force.

He described the three levels of INCOSE systems engineering professional certification including their requirements for education, systems engineering knowledge, systems engineering experience including professional development requirements and systems engineering accomplishments and leadership; also he addressed the costs and timelines to achieve certification at each level. Dave addressed the value of leveraging certification as an individual and as a member of a corporation, discussed how institutions are recognizing the value of certified systems engineers, and addressed the value of agreements established between INCOSE and industry partners, universities, and other related organizations, as the Defense Acquisition University. In answering specific audience questions, Dave noted that INCOSE System Engineering Professional Certification is recognized worldwide and about one-third of certified SE professionals are from outside the United States. Dave also stated that INCOSE certification is more creditable than individual company systems engineering certification programs because it is an independent third party certification. Dave briefly discussed INCOSE Corporate Advisory Board (CAB) membership by industry partners as the "voice" of the industry customer and the benefits offered to CAB company employees.

John Clark, as a member of the INCOSE Training Working Group, discussed his work in developing and presenting a training course to help people to become certified. He presents a 16 class tutorial on the INCOSE systems engineering Handbook in preparation for the certification examination. John offers his course approximately twice per year, with his current class starting just earlier this month (October 4, 2011), so you can still catch up, with completion scheduled for March 2011. The class is offered as a weekly live webinar on Thursdays at 12:00 p.m. - 1:30 p.m. ET with some weeks off due to John's schedule; so check the schedule posted on the INCOSE website. The website also has the charts and the video recordings of his previous classes available for playback if you cannot make the live webinar or for independent study.

Each panel participant gave a five-minutes discussion on what they believe are the pros and cons to getting an INCOSE certification. All of the panelists are Certified Systems Engineering Professionals (CSEPs) and Dave Walden just attained Expert Systems Engineering Professional (ESEP) level of certification. John Silvas noted that he was the first Booz – Allen – Hamilton (BAH) employee to receive his CSEP and attributed his selection for an important engineering management and leadership position at BAH to having his INCOSE certification.

Grailing Jones of the Jet Propulsion Laboratory observed that INCOSE certification is a personal certification that you take with you as you move throughout the industry and that it means something to new employers as a discriminator in hiring; and he noted that it is always good to have as many discriminators as possible in applying for new positions.

Christine Wolf chose INCOSE CSEP certification over a Program Management Professional certification by the Program Management Institute because she wanted a more technical professional certification. Her employer encourages certification and offers a bonus and she plans to apply for the ESEP level certification. She also felt that INCOSE systems engineering professional certification was important for proposal qualifications and that it is recognized by the customer.

Peter Sedivec stated that BAH encouraged him to get his certification and that the application process and studying the handbook were good exposure to the other areas of system engineering. He noted that BAH is establishing an internal "belting" process for systems engineering.

John Clark told Chapter members that after all of his experience he thought he could not learn any more, until he started teaching the certification webinars. He wanted to give back to the profession and recalled how he had learned from his mentors that are now gone. He challenged the audience to challenge their capacity to learn to enhance their careers.

Dave Walden has been involved in the certification process for a long time and values it professionally. He stated that he got the program management job he wanted because he was CSEP certified and has now started his own consulting company and believes INCOSE certification will give him an edge there too; he is now certified at the ESEP level.

IBM Rational Systems and Software Engineering Symposium - You're Invited and It's Free!

Please join us for the Rational® Systems and Software Engineering Symposium to learn how IBM® Rational is helping to lead the innovation agenda while addressing the complexity challenge.

PARTICULARS

When: Tuesday, December 13, 2011, 8:30 a.m. – 5:00 p.m.
Followed by INCOSE-LA Reception, 5:30—7:00 p.m.
Where: Hilton Orange County/Costa Mesa
3050 Bristol Street, Costa Mesa, CA 92626
714 540-7000

This event will focus on integrated product management and systems and software development – highlighting the IBM Rational solution for systems and software engineering. Sessions will be featured around industry best practices and the core processes of requirements management, architecture and design, collaboration, change and configuration management, and test and quality management.

It will also give the participants an excellent opportunity to improve their skills, network and collaborate with other customers and industry experts. ***There is no cost to attend the symposium, workshops or reception.***

Below are a few of the topics to be covered:

- Aerospace and defense roadmap - IBM perspective on technology trends
- A linked data approach to integrating software electronics, and mechanical domains
- The Rational solution for systems & software engineering presentation and demo
- UPDM, a UML and SysML implementation of DoDAF and MoDAF for military and commercial architectures
- Agility in complex systems development
- IBM Watson and Jeopardy: *Was it only a game?*
- Model based approach for requirements development: an example application on U.S. Army program
- "Cradle-to-grave" requirements management with DOORS
- Automating document generation: Rational publishing engine

The conference will be followed by a networking reception and INCOSE-LA Chapter meeting that will include a presentation on ***IBM Watson and Jeopardy: Was it only a game?***

For more information about this event, contact Michelle Specht, Systems Engineer for Aerospace and Defense with IBM - Rational Software - michelle.specht@us.ibm.com.

chelsea.dutenhoffer@jpl.nasa.gov.

Virtual Attendance for Individual Participants: Virtual meeting capability will be available for this event. See the web page for this event on the INCOSE-LA website (www.incose-la.org) for more information on joining as an individual virtual participant.

Directions to Host Site: BAH LAX facility, El Segundo
From the San Diego (405) Freeway traveling NORTH:
1. Take the El Segundo Boulevard exit, Exit 44 toward Hawthorne Blvd.
2. Turn Left onto West El Segundo Boulevard.
3. Turn Right (North) on South La Cienega Boulevard.
4. Proceed on La Cienega until the third stoplight.
5. Turn Left onto Pacific Concourse Drive.
6. Follow the road until you reach the 2nd stop sign (immediately past court house parking garage on the right) and turn right. At gate on the far right, press the green button to receive a parking ticket (Admin staff will validate parking).
7. After passing the gate, turn left into the visitor parking lot. Walk past the water fountain, across the rotunda to Building 5220. The meeting will be held on the second floor, Suite 200.
From the San Diego (405) Freeway traveling SOUTH:
1. Take Exit 46 toward Century Blvd West/LAX Airport.
2. Turn Left (South) on South La Cienega Boulevard.
3. Turn Right onto Pacific Concourse Drive.
4. Follow instructions 6 and 7 above for further directions to the meeting site.

The only points of dissatisfaction with the certification process noted by the panelists included the time it took overall to complete certification, including study time, and after certification, the effort to track the professional development units to maintain certification. However, the panelists overwhelmingly thought the benefits of certification far outweigh any detractors.

The panelists took questions from the audience addressing:

- how well INCOSE certification was recognized in industry, their selection of INCOSE certification over other professional certifications
- why companies established memorandums of agreement with INCOSE, the conditions for recertification
- the controversy over the INCOSE Handbook vice the Systems Engineering Body of Knowledge developed by the Stevens Institute of Technology and the University of Southern California

In closing, Dave Walden thanked the LA chapter for the opportunity to speak to us and noted that we have 26 CSEPs, one of the highest numbers per chapter – but challenged us to raise the percentage of CSEP members since we are a large chapter.

IS 2012 Now Accepting Online Submissions—Deadline November 8

Submissions are being accepted on-line at: *www.incose.org/symp2012*
Share your latest research or project experience with the larger systems engineering community.
The deadline, Tuesday, November 8, 2011, will not be extended.

Expanding Your Systems Engineering Horizons and Keeping Our Chapter Golden

By Shirley Tseng

Did you know that you can help INCOSE-LA qualify for a Gold Circle Award while broadening your own horizons or doing what you are already doing? All you have to do is drop an email to *info@incose-la.org* telling us about your involvement in working groups (WG) and other professional activities.

INCOSE has WGs advancing the state of practice of systems engineering. The WGs include Security, Lean Systems Engineering, and Space Systems just to name a few. As an INCOSE-LA member, you are welcome to join any WG and contribute. Several of our local members are already participating in WGs. John Silvas and Bjorn Cole are Co-Chairs of the MBSE/Space Systems WG getting model-based systems engineering projects going. Beth O'Donnell is active in the Measurement WG. Scott Jackson is involved with the Resilient WG. Bo Oppenheim is Co-Chair of the Lean Systems Engineering WG. Meetings are held at the annual INCOSE International Symposium and International Workshop as well as through periodic webinars and teleconferences. A complete list of WGs is available at *http://www.INCOSE.org/practice/techops*.

Interview Skills Workshop

By Beth O'Donnell

With the continued uncertainty in the job market, it pays to be prepared to present what you have to offer a new or current employer with clarity and impact.

The American Institute of Aeronautics & Astronautics, the Institute of Electrical and Electronics Engineers (IEEE) Coastal Los Angeles Section, INCOSE-LA and the Massachusetts Institute of Technology Club of Southern California have joined together to again bring you a rare opportunity to learn how to increase the value you bring an employer and hone your ability to articulate that value in an interview.

Scott Olsen of The Olsen Group, an accomplished career counselor and trainer, will lead a half-day program where the participant will learn interview techniques to help land a future dream job, including how to handle difficult interview questions and how to make one's strengths shine.

If you're seeking to reenter the workforce or are currently employed and considering a career change, this event will make sure you're perfectly poised when opportunities come your way.

Look for updates to date and location in your Reflector email.

The Board of Directors wishes to welcome the following new members in the Los Angeles Chapter of INCOSE:

Note: The information listed below is from the member directory and is based upon your initial membership application. If the information is not correct or complete, then please access the member directory (at www.incose.org) to update your information.

Name	Title	Company
Robin Runck	Electronics Technical Supervisor	Los Angeles Unified School District
Jeff Schodorf	Senior Corporate Engineer	LinQuest Corp.
Kevin Wilson	Principal Engineer	The Aerospace Corporation
Ryan Kent	Senior Engineer Consultant	Booz Allen Hamilton
Gregg Scott		
John Kustura	Deputy Program Manager	SAIC
Stephen Houston	Affordability Systems Engineer	Boeing
Dave Dimas	Director of Engineering	University of California, Irvine
Colin Helms	Chief Engineer	Boeing Satellite Systems International
Robert Neches		
Elyse Fosse	Software Systems Engineer	Jet Propulsion Laboratory
Louise Anderson	Software Systems Engineer	Jet Propulsion Laboratory
Shruti Baharani	Mechanical Design Engineer	Intelligent Energy
Jessica Murabaki	Systems Engineer	Booz Allen Hamilton
James Frakes	Student	
Bob Herrmann	Senior Manager	LinQuest Corp.
Dan Ogar	Senior Systems Engineer	Cobham Analytic Solutions

2012 INCOSE-LA Mini-Conference
Systems Engineering for Agility and Affordability
Call for Abstracts

Systems engineers have a long and successful track record of delivering large and complex systems. In response to a fast paced, cost constrained and continuously changing world, systems development has become closely integrated with business objectives like value creation and assured ROI. Investment capital requires low costs, manageable risks, and high reliability, which in turn makes a disciplined approach to systems engineering even more critical and places a higher premium on program execution.

This Mini-Conference, to be held Saturday, March 31, 2012 for 8 a.m.—5 p.m. at Loyola Marymount University, will consider practical approaches to performing system engineering more efficiently and effectively, which may involve bringing more 'agility' into systems engineering processes.

In order to advance systems engineering as a discipline and as a profession, we invite you to submit a one page abstract of your idea for a presentation. Suggested topics include:

- Innovative methods for designing affordable solutions in an environment where requirements are increasingly more complex and funding is limited
- Assuring completeness and discipline in the systems engineering process while embracing an agile mindset.
- Use of new collaborating technologies, including web-based platforms, to manage globally distributed development resources
- New architectural paradigms like service-oriented architecture and cloud computing
- Capturing agility, responsiveness, and trustworthiness as design attributes in system trades
- Early concept engineering and the need for speed, including the rapid conceptualization, design and manufacture of highly resilient, adaptable systems
- Case studies on successful collaborative and/or cross-industry projects are especially welcome. A common, integrated set of best practices that could enhance overall program success

Each presentation should be about 20 minutes in length, with ten minutes for questions and answers.

Abstracts, due December 1, 2011, or any questions should be sent to Mark Gallo at mark.gallo@incose.org. Authors of the abstracts selected will be notified regarding acceptance by December 10, 2011.

2012 IEEE Aerospace Conference Paper Review Party

Technical and language reviewers are needed to review IEEE Aerospace Conference papers on Sunday, November 12, 2011, from 8:30 a.m.—4:00 p.m., in El Segundo. Breakfast, snacks, and a gourmet lunch to be provided.

IEEE membership is not required. Participant must be a U.S. citizen or have a green card. Unplanned walk-in reviewers may be turned away due to security concerns.

Participants will have the opportunity to review groundbreaking aerospace papers of their own choosing from many technical fields and to network with top notch reviewers from industry. In addition, they will be honored in conference proceedings and will receive a free CD of the prior conference proceedings, which includes approximately 600 technical papers.

If you would like to participate, please make advanced arrangements A.S.A.P. with Dr. Dave Taggart (714-832-5373), or Shirley Tseng, (shirleytseng@earthlink.net). Additional details will be provided upon registration.

Save the Date!
INCOSE-LA Chapter
Holiday Party

Sunday, December 11, 2011, 3:00 p.m. to 7:00 p.m.
at Susan Ruths' house (in the Whittier heights area)

*Great People * Fine Food*
Gift Exchange
* Lots of Fun *

No cost for member and one guest
Bring a non-gag gift for a white elephant gift exchange
(something you already have, but feel guilty throwing away
re-gift or purchased item ~$15 value)
Look for a Reflector email in November
Location and directions to Susan's home
will be provided upon registration/RSVP
Questions?
Contact Beth O'Donnell at elizabeth.odonnell@incose.org

(Gold Circle Award, Continued from page 5)

Another way to expand your professional horizons is to write a paper for a conference. The annual INCOSE International Symposium will be July 9-12, 2012 in Rome, Italy; papers are due November 8, 2011. Don't want to travel? A local option is to make a presentation at the INCOSE-LA Mini-Conference on Saturday, March 31, 2012.

Some INCOSE-LA members are involved with local Science, Technology, Engineering, and Mathematics Education

Coalition initiatives such as First Robotics, Motorworks. INCOSE also has a fellow class for those significant verifiable contributions to the art and practice of systems engineering in industry, government or academia. Details on fellows are available at *http://www.INCOSE.org/about/hall/fellows.aspx.*

Whatever you decide to do, please let the INCOSE-LA chapter know so that we can include your activity in the annual chapter report to INCOSE. You just might help us to qualify as Gold Circle Award chapter.

16th Annual INCOSE Region II Fall Mini-Conference
Presented by the San Diego Chapter of INCOSE
Systems Engineering: The Bridge Between the Aerospace and Medical Industries

When: Saturday, November 19, 201**1**, 8:00 a.m. to 4:00 p.m.
Where: National University's La Jolla Facility
11355 N. Torrey Pines Road, San Diego, CA 92037

Attend this day of stimulating thought and discussion centered on the questions:
- How is classical systems engineering applied to the aerospace and medical industries (e.g., design requirements, verification, and validation)?
- Do these industries have similar or different approaches to systems engineering?
- What can they learn from each other?
- The medical industry and FDA have recently come under fire for allowing unsafe products on the market – can systems engineering help improve the safety, efficacy and quality of medical products?

All are welcome.

REGISTRATION

Registration Fees	Early Registration by November 1st	Late Online or On-Site
INCOSE member	$50	$60
Non-member	$55	$70
Student	$35	$50

- Save!—Early registration can be completed online until November 1 (payment through PayPal only).
- $20 of any non-member fee can be applied toward INCOSE membership for those who join at this conference. Speakers and panelists admitted free.
- On-site registration by cash or check only, no credit cards please!
- If registering on-site, please R.S.V.P. to Katy Campbell at katy_campbell89@yahoo.com by Thursday, November 17, 2011.
- Admission fee includes coffee and donuts, buffet lunch and soft drinks.
- Please state vegetarian preferences with your registration.

SCHEDULE

8:00 a.m. – 8:45 a.m.	Registration, Coffee & Donuts
8:45 a.m. – 9:00 a.m.	Introductions & Welcome
9:00 a.m. – 9:30 a.m.	Keynote Address
9:30 a.m. – 10:30 a.m.	Technical Presentations (2)
10:30 a.m. – 10:45 a.m.	Break
10:45 a.m. – 11:45 a.m.	Technical Presentations (2)
11:45 a.m. – 12:00 p.m.	Vendor Introductions
12:00 p.m. – 1:00 p.m.	Lunch
1:00 p.m.— 2:00 p.m.	Technical Presentations (2)
2:00 p.m. – 2:15 p.m.	Break
2:15 p.m. – 2:45 p.m.	Technical Presentation (1)
2:45 p.m. – 3:45 p.m.	Panel Discussion
3:45 p.m.— 4:00 p.m.	Wrap-up

QUESTIONS? Email Katy Campbell at katy_campbell89@yahoo.com.

Return Address:

PO Box 10969
Westminster, CA   92685-0969

Forwarding Address Requested

The International Council on Systems Engineering (INCOSE) is an organization formed to advance the art and science of systems engineering in both the public and private sectors. INCOSE's mission is to advance the state of the art and practice of systems engineering in industry, academia, and government by promoting interdisciplinary, scalable approaches that produce technologically appropriate solutions that meet societal needs.

The Los Angeles Chapter meets several times per year for speaker meetings, and, in addition, sponsors tutorials, mini-conferences and other activities of interest to those in the systems engineering field or related fields.

2011 Board of Directors

Elected Officers			Elected At-large Directors		
President	Beth O'Donnell	elizabeth.odonnell@incose.org	Membership	Paul Cudney	paul.cudney@incose.org
Vice-President	John Silvas	silvas_john@bah.com	Programs	Michael Kim	michael.kim@jhuapl.edu
Past President	Rosalind Lewis	rosalind.lewis@aero.org	Systems Engineering Education	Shirley Tseng	shirleytseng@earthlink.com
Secretary	Alan Kirschbaum	aik@roadrunner.com	Ways and Means	Michael Maar	michael.c.maar@boeing.com
Treasurer	Harvey Soldan	harvey.soldan@jpl.nasa.gov	Communications	Edie Ung	edie1121@mac.com
Appointed Positions					
Newsletter Co-Editor	Jorg Largent	largent_atpmd@msn.com	Newsletter Co-Editor	DeAnna Regallbuto	deanna.regalbuto@verizon.net
Technical Society Liaison	OPEN		Reflector Manager	Susan Ruth	susan.c.ruth@aero.org
Chapter Recognition Manager	Joshua Sparber	joshua.sparber@dcma.mil	Industrial Relations Manager	Jose Garcia Jr.	jose.s.garcia-jr@boeing.com
Professional Networking Chair	Nehal Patel	nehal_p1_patel@raytheon.com	Website Technical Manager	Mark Gallo	mark.gallo@incose.org
2012 Mini-Conference Chair	Michael Wallace	m.wallace@ngc.com	CSER Management Chair	Terry Rector	terry.rector@scientist.com
Rep to the SF Valley Engineer's Council	Stephen Guine	Stephen.Guine@ngc.com	Lead Site Coordinator	OPEN	