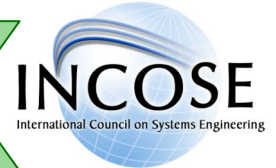




NEWSLETTER



2008, 2012
President's Award
for Most
Outstanding Chapter



The Year in Pictures:

Throughout this edition of the Newsletter, you will find pictures of the lighter side of INCOSE-LA — a few of those moments when we focused on the enjoyment we derive from our membership and volunteerism.



The year-end Holiday Party at the Marina Del Rey Yacht Club featured fellowship, networking, fine dining, and a gift exchange, plus a special presentation by a magician.

January 2015 Town Hall Meeting

By Jorg Largent

The Los Angeles Chapter of INCOSE kicked off the new year with the installation of officers and the traditional town hall meeting. The meeting was held at the Aerospace Corporation offices in El Segundo on January 13, 2015, and was attended by twenty-seven members and guests.

After the usual networking and enjoying the light refreshments, out-going 2014 President Mike Wallace opened the meeting with a warm welcome and a few announcements. The agenda for the meeting included the induction of the officers for 2015, the presentations of awards, a discussion of 2015 by incoming President Stephen Guine, which segued into the town hall portion of the meeting as the board solicited inputs on how best the Chapter might meet the needs of the members.

A special part of President Wallace's welcoming, was to welcome the new members to the Chapter. Chapter membership is up to 472 — a little shy of the goal of 500 for the year. Mike discussed some of the events hosted by the Chapter, with a particular discussion of the upcoming Mini-Conference to be held later this year and the Conference on Systems Engineering Research (CSER). CSER is an annual event, and the site is rotated from year to year. CSER 2014, hosted by the University of Southern California and facilitated by INCOSE-LA, was a major success, so much so that there are some discussions of returning the event to southern California in 2016 whereas the normal rotation would be for CSER 2017 to be held here.

President Wallace also presented awards to members in recognition of their contributions to the Chapter during the year. The Susan Ruth award was given to Beth O'Donnell for her years of service in support of a myriad of Chapter activities.

(See "Town Hall," on page 2)

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Your 2015 Officers and Board of Directors

The members of the 2015 Board of Directors are:

- Stephen Guine, President
- Terry Rector, Vice President
- Jeffrey Willis, Secretary
- Harvey Soldan, Treasurer
- Mike Wallace, Immediate Past President
- Phyllis Marbach, Membership Committee Chairperson
- Dr. Rick Hefner, Programs Committee Chair Person
- Padman Nagenthiram, Systems Engineering Training Committee Chairperson
- Paul Cudney, Ways and Means Committee Chairperson
- Bob Noel, Communications Committee Chairperson

Chapter members serving in appointed positions are:

- Chapter Recognition: Phyllis Marbach and Michael Maar
- Reflector Manager: Susan Ruth
- *Newsletter* editor: Jorg Largent

The 2014 webcast team was comprised of:

- Scott Grant at Control Point
- Michela Munoz-Fernandez at JPL
- Michael Wallace in the Antelope Valley

Members in additional leadership positions are:

- Shirley Tseng, who served as Technical Society Liaison
- Stephen Guine, who continues as the representative to the San Fernando Valley Engineering Council
- Jose Garcia, who is responsible for Industrial Relations
- Scott Birtalan, the networking chair
- Yvette Torres and Scot Birtalan served as the ambassadors to the University of Southern California Student Division
- Collette Kurtz, the Chapter's New Member Ambassador.

(Town Hall Meeting, continued from page 1)

Bob Noel, the Director of Communications, was awarded the President's Award. Mike also presented an award to Past-President Eric Belle for his years of service to the Chapter.

Dr. Azad Madni officiated at induction of the new officers. Dr. Madni, an INCOSE Fellow, is a Professor in the Daniel J. Epstein Department of Industrial and Systems Engineering in the Viterbi School of Engineering of the University of Southern California. He is the Director of the Systems Architecting and Engineering Program that is supported by engineering faculty school-wide. He is also the founder and Chief Scientist of Intelligent Systems Technology, Inc. The officers and leaders of the Chapter are listed in a separate article.

HAVE YOUR SAY:

**COME TO THE STRATEGIC PLANNING MEETING
FEBRUARY 7, 2015 AT 9:00 A.M.
LIGHT LUNCH PROVIDED; NO COST
NORTHROP GRUMMAN SPACE CAMPUS
IN REDONDO BEACH
STAND BY FOR A REFLECTOR NOTICE**

The town hall portion of the meeting was conducted by incoming President Stephen Guine. Stephen spoke of the challenges and opportunities in 2015. Leveraging off of the concept of Ubuntuism (see separate article), Stephen introduced some challenges, perspectives, and opportunities that could be of advantage to the individual systems engineer, the Chapter, and the profession. In its application to his presidency, President Guine defined "Ubuntu" as "I am who I am because of who we

are. I work for all of you. My goal is to take all the excellent work that has been done and find ways that we can collaboratively build on it." A major objective of the town hall portion of the meeting was to lay the ground work for the first strategic planning meeting of 2015.

Stephen presented a goal for the Chapter leadership for 2015: to strengthen the value proposition of INCOSE-LA through discipline development, a stronger cross-domain presence, professional skill development, personal networking, brand development, broadening Chapter involvement, and strengthening Chapter communications. President Guine framed the discussion with six questions:

1. What does the Chapter currently do well for its members?
2. How can the Chapter improve the value to its members?
3. What opportunities have you had to network with systems engineering professionals from our local chapter, student divisions, industry, Working Groups, etc.? How can we improve engagement?
4. What makes the systems engineering topics and presentations provided via chapter meetings of interest and



Chapter officers, left to right, Stephan Guine, Mike Wallace, Dr. Rick Hefner, Bob Noel, Padman Nagenthiram, and Paul Cudney

Scientism, meanwhile, is the act of seeing in science what is not there. It is an act of faith that elevates, nay makes divine, the authority of science to bolster the aims of its acolytes.

"The Tyranny of Clichés," Jonah Goldberg

(See "Town Hall Meeting" on page 9)

INCOSE-LA Chapter NEWSLETTER

Vol. 13, Issue 1: February – March 2015

Ubuntu...

is the name for an operating system and a philosophy.

According to the Distrowatch.com webpage (<http://distrowatch.com/table.php?distribution=ubuntu>), Ubuntu is a complete desktop Linux operating system, freely available with both community and professional support. The Ubuntu community is built on the ideas enshrined in the Ubuntu Manifesto: that software should be available free of charge, that software tools should be usable by people in their local language and despite any disabilities, and that people should have the freedom to customize and alter their software in whatever way they see fit. "Ubuntu" is an ancient African word, meaning "humanity to others". The Ubuntu distribution brings the spirit of Ubuntu to the software world.

According to Wikipedia, Ubuntu is a Nguni Bantu term which roughly translates to "human kindness." In southern Africa it has come to be used as a term for a kind of humanist philosophy, ethic, or ideology, also known as Ubuntuism or Hunhuism. There are many different, and not always compatible, definitions of what ubuntu is. Humanity comes from conforming to or being part of the tribe. In a quote attributed to Michael Onyebuchi Eze, the core of ubuntu can be summarized as: 'A person is a person through other people' strikes an affirmation of one's humanity through recognition of an 'other' in his or her uniqueness and difference. It is a demand for a creative intersubjective formation in which the 'other' becomes a mirror (but only a mirror) for my subjectivity. This idealism suggests to us that humanity is not embedded in my person solely as an individual; my humanity is co-substantively bestowed upon the other and me. Humanity is a quality we owe to each other. We create each other and need to sustain this otherness creation. And if we belong to each other, we participate in our creations: we are because you are, and since you are, definitely I am. The 'I am' is not a rigid subject, but a dynamic self-constitution dependent on this otherness creation of relation and distance".

Stanlake John Thompson Samkange has written a book on the subject, "Hunhuism or ubuntuism: A Zimbabwe indigenous political philosophy."



February, 2014 Strategic Planning Meeting participants Scott Birtalan and Edwin Ordoukhanian.

What are your New Year's Resolutions and How Will You Keep Them?

By Dr. Malcolm Currie

About the author: Dr. Currie is a Systems Engineering Trainer and Consultant. He is also a Certified Neuro-Linguistic Programming (NLP) Practitioner. See for example his public NLP workshop announcements at <http://www.meetup.com/NLP-LA/>, which he has been doing for about 9 years in the West Los Angeles area.

How did you do on your 2014 New Year's Resolutions?

Did you write them?

Did you have a vision?

Did you have a plan?

Did you track them?

•Did you achieve the purpose of the resolutions? What was the purpose?

If you answered yes to all of these, you can just do it again in 2015, can't you? If not, perhaps you would like to do it differently this year, wouldn't you?

Does the above list look something like an engineering project? It is if you were serious about achieving your resolutions. So, let's approach this as systems engineers and examine a possible process for achieving your 2015 resolutions.

First, I believe that a resolution should be framed as goal. Further, we need an approach for achieving the goal. In addition, we need a reason for achieving the goal in a larger context. In the book *Simple Steps to Impossible Dreams*, Steven Scott suggests a way to frame a goal with a structure for breaking it down into tasks, which when accomplished will contribute to achieving the goal.

What is a Goal?

The term "Goal" in common usage may be something vague or specific, with a wide or a narrow scope. A goal can be different for different people at different times. Goals can be short term – in a few minutes, or they can be long term, such as, before I die.

We will use "Goal" here to be what Steven Scott calls a goal in his book. It is framed in terms of the larger context of a dream – a big dream – an impossible dream!

What is your Impossible Dream?

Steven Scott begins with asking you what your impossible dream is in various areas of your life – such as family, business/career, health, relationship(s), personal growth & development, spirituality, etc. In that area of life, what would be an ideal outcome for you?

(See "Resolutions" on page 8)

Stay Connected

Get the latest on INCOSE-LA happenings in the Reflector e-mails

If you wish to be placed on our e-mail distribution, contact Susan Ruth at susan.c.ruth@aero.org

INCOSE-LA Chapter NEWSLETTER

Vol. 13, Issue 1: February – March 2015



ABOVE, AT A PAST NETWORKING EVENT INCOSE-LA GOES FULL METAL JACKET



Bons vivants at the Chapter-hosted soiree at 2014 INCOSE International Workshop (above) and Christmas party (below)



2014 Chapter President Mike Wallace at the Critical Design Review of the Pete Knight High School Rocket Team in Palmdale, California, above.

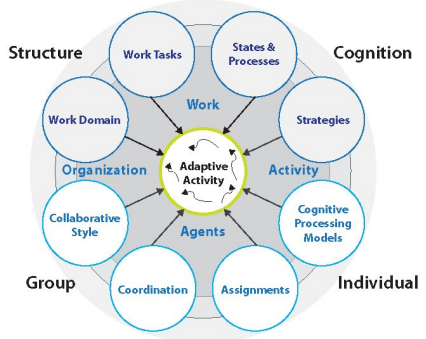


Participants in the January, 2015 Town Hall meeting, above

DON'T FORGET!
The Twenty-fifth Silver Anniversary International Symposium in Seattle, July 13 — 16, 2015!
 Go to the INCOSE website for details
<http://events.incose.org/>

Human Systems Integration

March 2 - 6, 2015
Las Vegas, NV



Human Systems Integration addresses the design of technological support systems such as interfaces and decision aids. It also addresses human resource issues such as team design, organizational design, staffing, selection and training.

This course introduces specialized methods of human systems analysis and design, and illustrates how those methods can be used to enhance performance and safety within large-scale socio-technical systems.

"Very intellectual and challenging. I haven't thought this much in a training course in a long time!"
- Delegate, USA



For the complete course description, or to register, please visit: www.ppi-int.com/hsi



CSEP Exam Preparation Course

Next Delivery
Los Angeles, CA
March 23 - 26, 2015



INCOSE LA Members receive a \$200 Discount

Learn valuable skills and improve your career prospects by becoming INCOSE SEP Certified.

Upcoming 4-Day Deliveries

Albuquerque, NM	April 27 - 30, 2015
Denver, CO	May 11 - 14, 2015
Pittsburgh, PA	May 18 - 21, 2015
Baltimore, MD	June 15 - 18, 2015

Register today at: www.certificationtraining-int.com



International Council on Systems Engineering (INCOSE)



LOS ANGELES CHAPTER

is proud to host the

2015 Mini-Conference Now Planned for Fall 2015

Systems Engineering – One Discipline Providing Global Value: Fundamentals, Applications, and Innovation

Systems engineering is a vital discipline for the successful delivery of large and complex systems. In response to a fast paced and evolving world, systems development has become closely integrated with business objectives like value creation, constrained costs, manageable risks, and high reliability. This makes a disciplined approach to systems engineering even more critical, with a higher premium on program execution and the need to focus on systems engineering fundamentals, applications and adaptations, along with innovative advances in systems engineering concepts.

This **one-day conference** will consider that systems engineering is a global discipline, and its concepts and fundamentals can be adapted for many different applications to solve worldwide concerns and create value.

Attend this special one-day event for an opportunity to

- Explore systems engineering as a discipline with many applications around the world
- Discuss and learn about innovative applications of systems engineering to new domains and challenges
- Learn lessons from practical applications of systems engineering and the value provided
- Network with fellow professionals

STAY TUNED FOR FURTHER DETAILS!!!

If you are interested in sponsoring or exhibiting, then please address inquiries to mini-conf@incose-la.org.

Ground Systems Architecture Workshop Coming to Los Angeles, March 4, 2015

The Ground System Architectures Workshop (GSAW), in its nineteenth year, provides a forum for the world's spacecraft ground system experts to collaborate with other ground system users, developers, and researchers through tutorials, presentations, working groups, and panel discussions. New to GSAW this year is a poster session. This year the workshop will be held March 2-5, 2015 at the Renaissance Los Angeles Airport Hotel.

One of the sessions, Session 12B, will be a joint GSAW/SPIN (Southern California Software Process Improvement Network) /INCOSE-LA event.

Subject: "You're in my Space: Agile's Roles, Responsibilities and Competencies"

Speakers: Mary Ann Lapham and SuZ Miller, Software Engineering Institute.

When: Wednesday, March 4, 2015 at 5:30-8:30 P.M.

Where: Renaissance Los Angeles Airport Hotel, 9620 Airport Blvd, Los Angeles

Cost: Free, but there is a charge for parking

Abstract: Agile is becoming more prevalent in the Federal government space. This usage is raising questions about how Agile methods fit into the highly regulated environment commonly seen in that space. This presentation will provide an overview of the expanded role of the program office in the Agile space including roles, responsibilities and competencies required of the program office, and how the new Department of Defense (DoD) Instruction 5000.02 could fit in to support DoD programs with Agile contractors. Some of the time will be devoted to a practical description of the issues that may confront the Government role as product owner. In addition, a brief discussion of Agile in the larger eco-system will include a description of the forms of obstacles posed by the surrounding "systems engineering ecosystem."

Biographies:



Mary Ann Lapham, a Principal Engineer at the Software Engineering Institute (SEI) of Carnegie Mellon University, is the technical lead for SEI's agile in acquisition research, focused on identifying and addressing barriers to adopting Agile practices in DoD and other government settings. She is also the Space Sector lead within the Software Solutions Division, Client Technical Solutions Directorate. Prior to her coming to the SEI in 2004, Ms. Lapham spent thirty years in technical and program management roles on programs of variable size and complexity.

SuZ Miller is a Principal Researcher in the Client Technical Solutions Directorate at Carnegie Mellon University's Software Engineering Institute. Her current research focuses on the adoption barriers faced by highly regulated organizations (like U.S. Government organizations) that are taking up Agile and lean principles.



While at the SEI, she has also researched systems of systems governance issues, technology transition, and process improvement — particularly development and implementation of Capability Maturity Model types of models — and co-authored "CMMI Survival Guide: Just Enough Process Improvement," which provides methods and decision approaches for organizational improvement. She spent twelve years before the SEI in multiple technology insertion, quality engineering, and improvement-related roles at the Lockheed Missile and Space Company working both Navy missile programs and U.S.A.F. satellite ground system programs.



The Conference on Systems Engineering Research brought out many distinguished scholars and students such as the University of Southern California's Dr. Azad Madni, second from left, with Marc Sprargen, Edwin Ordoukhanian, and Balakrishnan Ranganathan from the USC Student Division.

Interested in Volunteering?

There are a great many opportunities to be a part of the action that makes the Los Angeles Chapter the award winning chapter that it is. Below are some of the open opportunities in the LA Chapter:

- Communications: newsletter production, email editor
- Website: webmaster, website content
- Membership: surveys, member recruitment and retention, volunteer databank, registration
- Ambassador(s): serve as liaison with companies, professional societies, Student Divisions
- Webcast Coordinator: Facilitate sites for speaker meetings; site coordinators

If you're interested in volunteering for these or other open positions, speak to a board member or send an email to President@incose-la.org

(“Resolutions,” continued from page 3)

Note that we may each have many impossible dreams – several for each area of life.

Each ideal condition for an area of life is an impossible dream. If the dream is clearly possible, it may be a goal instead—think bigger to an impossible dream.

- Think of a dream you have – a big dream –an impossible dream – one that excites you.
- Imagine what goals which, when achieved, will attain that exciting dream.
- List the steps which, when achieved, will attain one of those goals.
- List the “tasks” which, when achieved, will attain each of those steps.

Note: A task here is something that you can achieve in a part of a day – typically a few minutes to a few hours. We say that a task is tied to time. You can write a note of a few of the tasks that will achieve today!

What is a Process for Achieving An Impossible Dream?

From the above descriptions of tasks, steps, goals, and impossible dreams, we can summarize the process to achieve a new years resolution, which is a goal, which you are motivated to do to achieve an impossible dream. This structure seems extremely appropriate for systems engineers who are accustomed to dividing complex projects into contributing activities which, when completed, will complete the construction of a system. Similar to approaches such as work breakdown structure or Use Cases to manage the complexity of a larger vision – a dream if you please – such as putting a man on Mars.

This process may be summarized as follows: completing of a task is progress towards attaining a step to a goal that is a part of attaining an exciting impossible dream:

Task tied to time —> Step —> Goal —> Dream.

Now we have limited what we are calling a Goal. It is attainable, but not without several tasks – where each task is a part of attaining a step towards the goal. This gives us clarity of purpose.

THE GOAL SETTING AND ATTAINING PROCESS WITH SMART GOALS

A general NLP (Neuro-Linguistic Programming) process for setting and attaining a goal is to picture a goal and put it into a definite place in the future. We illustrate this in workshops for one goal for one of your impossible dreams. Each goal will be what we call a SMART goal – which is an acronym for remembering the ingredients of a goal. A SMART goal can be summarized in a template for writing a goal – a new year's resolution.

S	Simple; Specific (with evidence/event for completion => expressed in the positive)
M	Measurable, Meaningful
A	As if now; Achievable; All areas of life
R	Realistic; Responsible (ecological with self, others, and the planet)
T	Timed (future date); Toward what you want (not away from what you do not want) = Positive

Setting a goal - let's do it! (A template for writing a goal)

- Choose an area of life.
- Imagine an impossible dream in that area of life
- List goals which, when achieved, will attain the impossible dream, (Do a quick guess at first – you can iterate the process a you become more familiar with it.)
- Choose one of these goals.
- Write the goal using the Goal Formula (template):

“It is now **<the future date>** and I am **<describe the specific event for completion of the goal>**“

To get the completion event, answer the question: How, specifically will I know when I am done? Could such a question have been useful on a systems engineering project on which you worked? Will it be useful on a current project?

Check that the goal is a SMART goal. The Goal Formula usually makes this happen automatically.

WHAT DOES YOUR TIMELINE LOOK LIKE TO YOU?

We want to put each goal into the future. To do this, we first need to understand where your timeline is. Point in the direction of events in your past. Point in the direction to events in your future. Imagine a line from events in the past to events in the future. **This is your timeline.** Take a couple of minutes now to close your eyes and float above your timeline – look into the past and then into the future. – Float back into now and open your eyes.

Describe you timeline, including colors, brightness, etc. Note: We are **using the NLP sub-modalities technique** here.

A PROCESS FOR PUT YOUR GOAL INTO THE FUTURE – LET'S DO IT!

Imagine (eyes closed) seeing your goal achieved. Notice the submodalities of VAK (Visual, Auditory, and Kinesthetics). Change the visual in your mind, for example, the brightness of the colors, how close the picture is to you, the speed of the movie, etc., in ways that increase your good feelings of achieving the goal. Do similarly for the sounds associated with the picture. Also, do similarly with the feelings themselves – spinning them faster for example, or changing their color. Increase the intensity of the feeling even more in this way.

Step out of the picture and see yourself in it and hold the picture in front of you.— notice again the submodalities of this picture and enhance them.

(See “Resolutions,” continued on page 9)

**Going to the
International Symposium?
Let us know and look forward to an invitation
to the Chapter-hosted soiree!**



(“Resolutions” continued from page 8)

Float above now holding the picture. Breathe 3-4 Huna “HA-Breaths” into the picture. These will breathe even more energy into the picture of achieving this goal – a new year’s resolution.

Float out into the future above your timeline, carrying the picture to the date of the goal, always staying above your timeline.

Drop the picture right down into the future date - see it, hear it as with a Tupperware seal. Notice the feeling.

Notice how the future looks now. Notice how your timeline changed as you look back towards now.

Float back (while facing towards the future) to above now and then, when you are ready, float right back into your body here and open your eyes.

This is a process in your own mind of putting a goal into the future which will drive your unconscious to effortlessly see steps to achieve the goal, which you can then reduce to tasks tied to time to achieve to reach the goal, won’t you?

Closing Thoughts/ retrospective – How are you changing?

Are you perhaps going to notice how some of your dreams and goals affect your experience of life?

How does your putting a goal into the future affect your deleting, generalizing, and distorting what you see, hear, touch, taste, smell, or intuit? That is, your perspective on what occurs. Notice the changes.

Notice how your goals are now serving you better to attain your dreams, aren’t they?

Remember: Task tied to time ? Step ? Goal ? Dream.

How are you feeling about achieving the new year’s resolutions now that you know they are leading you to attaining your dreams? Your Impossible Dreams!

(“Town Hall Meeting, continued from page 2)

of value (e.g., speaker meetings, tutorials, mini-conference, etc.)?

5. Do you find the Chapter Newsletter and INCOSE publications to be helpful and informative (i.e, Insight, INCOSE Systems Engineering Journal, etc.)?
6. How is the INCOSE-LA Chapter website useful to you, and/or what improvements for communication would you like to see?

In terms of things done well for the membership by the Chapter, the facilitation of speaker meetings was cited. The Chapter covers a vast area and coordinating the details of the remote sites is challenging. The value of various leaders traveling to the remote sites was noted. It was also noted that the Chapter does a good job of maintaining contact with the headquarters of INCOSE.

Potential improvements included increased reciprocity (including reaching out to other organizations such as AIAA and IEEE) and giving students a forum. Bring experienced systems engineering to student events was discussed, which could involve students with speed mentoring events or presentation opportunities to receive constructive industry-based feedback. Suggestions for the *Newsletter* included some personal histories of becoming a systems engineer and a “students’ corner.”

It is important that events sponsored by the Chapter be of interest and of value to the members. It was noted that a model based systems engineering workshop at the Jet Propulsion Laboratory included a morning speaker and afternoon hands-on session. The Chapter should continue its selecting a diversity of topics and the comfortable format. The need for working groups for students was discussed.

Time ran out before those in attendance were finished talking, but there is always the aforementioned Strategic Planning Meeting at which the discussions can be resumed and resolutions determined. The Board of Directors would like to thank those members who took the time to attend and to provide their valuable inputs. The Board would also like to express its appreciation to the members and volunteers who have done so much to make this Chapter of value to the membership at large.



Intergenerational: growing young systems engineers (upper left) and polished veterans (above), working together



The twelfth annual Conference on Systems Engineering Research (CSER) was held at the Crowne Plaza Hotel in Redondo Beach. Held March 21 and 22, CSER 2014 was the most popular and well-attended event of the twelve conferences. CSER is dedicated to collaborating, developing, and discriminating the best concepts and practices in systems engineering. CSER is hosted by the Viterbi School of Engineering at the University of Southern California, the Stevens Institute of Technology and the Los Angeles Chapter of INCOSE.

2014 Board of Directors

Elected Officers			Elected At-large Directors		
President	Stephen Guine	Stephen.Guine@ngc.com	Membership	Phyllis Marbach	phyllis.r.marbach@boeing.com
Vice President	Terry Rector	terryrector7045@gmail.com	Programs	Dr. Rick Hefner	rhefner@caltech.edu
Immediate Past President	Michael Wallace	m.wallace@ngc.com	Systems Engineering Education	Padman Nagenthiram	padman.nagenthiram@gmail.com
Secretary	Jeffrey Willis	Jeffrey.Willis@ngc.com	Ways and Means	Paul Cudney	paul.cudney@incose.org
Treasurer	Harvey Soldan	harvey.soldan@jpl.nasa.gov	Communications	Bob Noel	robert.noel@boeing.com
Appointed Positions			Student Division Ambassadors	Scott Birtalan	scott.birtalan@ngc.com
Newsletter Editor	Jorg Largent	jorg.largent@incose.org	Reflector Manager	Susan Ruth	susan.c.ruth@aero.org
Technical Society Liaison	Shirley Tseng	shirleytseng@earthlink.net	Industrial Relations Manager	Jose Garcia Jr.	jose.s.garcia-jr@boeing.com
Chapter Recognition Manager	Phyllis Marbach Michael Marr	phyllis.r.marbach@boeing.com	Website Technical Manager	OPEN	
Professional Networking Chair	Scott Birtalan	scott.birtalan@ngc.com	Lead Site Coordinator	OPEN	
Representative to the SF Valley Engineer's Council	Stephen Guine	Stephen.Guine@ngc.com			

The Board of Directors wishes to welcome the following new members to 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 or Organization
Atilla Ozlean	Safety Engineer	Davis Wire Corporation
Kevin Kirkpatrick	Systems Engineer	Northrop Grumman Corporation
Jonathan Jones	Systems/Process Eng	Univ Surv Sys
Laura Leyva	Student	California State University Long Beach
Nathaniel Crews	Adjunct Professor	UCLA & UC Berkeley Extension Programs
Clarence Eder	Principle Acquisition Associate	George Washington University PhD Candidate
Jose Filgueira	Software and Controls Lead	GMTO
Christian Williams	Tech Integration	Sony
Bassel Rez		Cal Poly Pomona
Laurie Buss		
Barbara Katinas		Northrop Grumman
Bradley Rister		Northrop Grumman
Kim Simpson		Jet Propulsion Laboratory
Al Vazquez	Enterprise Wireless Network Architect	Redhorse Corporation
Sarah Manheim	Engineer	Booz Allen Hamilton
John German	Senior Systems Engineer	Scitor Corporation
Michael Prendergast	Engineering Fellow	Raytheon
Parks Stephenson	Systems Engineering Manager	Moog, Inc. Aircraft Group
Patrick Corr	System Engineer	Defense Contract Management Agency (DCMA)
James Moore	Professor, Vice Dean for Academic Programs	University of Southern California Viterbi School of Engineering
Matthew Zents	Senior Project Manager	Southern California Edison
Julie Reiz		Jet Propulsion Laboratory
Alexandra Wheeler		Jet Propulsion Laboratory
Inez Fimbres	Senior Systems Engineer	Raytheon Company
Lauryn Pitts	Systems Engineer	Northrop Grumman

Not a member? Join INCOSE!

Learn more about becoming a member by clicking on <http://www.incose.org/membership/valueofmembership.aspx>

INCOSE-LA Chapter NEWSLETTER

Vol. 13, Issue 1: February – March 2015

Return Address:

**PO Box 10969
Westminster, CA 92685-0969**

Forwarding Service Requested

The International Council on Systems Engineering (INCOSE) is a not-for-profit membership organization founded to develop and disseminate the interdisciplinary principles and practices that enable the realization of successful systems. INCOSE's mission is to share, promote, and advance the best of systems engineering from across the globe for the benefit of humanity and the planet. 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 systems engineering or related fields.

UPCOMING EVENTS

For more details on Chapter-sponsored events and registration, go to <http://www.incose-la.org>

Strategic Planning Meeting

Date: Saturday, February 7, 2015

Time: 9:00 a.m. – 3:00 p.m.

Cost: free for members; a buffet luncheon will be served

Location: Northrop Grumman Space Campus, Redondo Beach

See Reflector Notice in your email for details

Speaker Meeting

Date: Tuesday, February 10, 2015

Time: 5:30 p.m. – 9:00 p.m.

Location: Aerospace Corporation, El Segundo

Cost: Free for members; \$10.00 for non-members

Look for a Reflector Notice in your email or check the Chapter website for more details

Joint E-Week Event with IEEE-CS

Date: Monday, February 16, 2015

Location: IEEE-CS-Los Alamitos Office

Look for a Reflector Notice in your email or check the Chapter website for more details

Networking Event in west Los Angeles

Date: Wednesday, February 18, 2015

Time: 5:30 p.m. – 8:00 p.m.

Location: Santa Monica area

Look for a Reflector Notice in your email or check the Chapter website for more details

Joint Meeting with SPIN and GSAW

Date: Wednesday, March 4, 2015

Time: 5:30 p.m. – 8:30 p.m.

Dr. Mary Ann Lapham and SuZ Miller will speak on:

You're in my Space: Agile's Roles, Responsibilities and Competencies

Location: Renaissance Los Angeles Airport Hotel

9620 Airport Blvd, Los Angeles

Cost: Free, but there is a charge for parking

See Reflector Notice in your email for details

International Symposium

“Celebrating Leadership”

Date: July 13—16, 2015

Location: Seattle, Washington

Go to the INCOSE website for details

Don't forget the
INCOSE-LA Soiree!