Vol. 12, Issue 6: December, 2014 – January, 2015

NEWSLETTER

2002, 2004-13 2003

2008, 2012 President's Award for Most Outstanding Chapter

Meet the Candidates! 2015 Chapter Elections

The transition from 2014 to 2015 quickly approaches. Your 2014 Board of Directors (BoD) calls on you, the members of the Chapter, to take time to read your slate of candidates for the 2015 BoD. These candidates are presented to you on the pages that follow.

The success of the Los Angeles Chapter is driven by two things: our officers and our members. INCOSE has acknowledged the Chapter with the Gold Circle Award every year since 2003 and with the President's Award for Most Outstanding Chapter in 2008 and 2012 (chapters are not considered for repetition more frequently). However, more important than awards are the services and value provided to and available to the Chapter members.

For those who are not familiar with the process of our Chapter elections, an explanation: the BoD consists of a voting body and an appointed body. The voting body consists of ten positions, five of which are the Executive Officers and five of which are the At-large Directors. The Executive Officers hold one-year terms while the At-large Directors hold two-year terms. The two-year terms are staggered to preserve Chapter knowledge from year to year. The appointed body consists of managers and chairpersons who are recruited to execute specific functions such as producing the *Newsletter* or the Reflector.

(See "Election" on page 2)

HOW TO VOTE:

Go online at www.incose-la.org.
Voting period: December 1-December 30

2015 Mini-Conference March 14, 2015

Theme: One Discipline/Global Value: Fundamentals, Applications, and Innovation

Efforts for planning the 2015 LA Mini-Conference are in full swing with the event just a few months away. It will be held on Saturday, March 14, 2015 at Loyola Marymount University. The mini-conference theme is "One Discipline/ Global Value: Fundamentals, Applications, and Innovation." The theme reflects the global scope on which systems engineering is connecting all disciplines, manifested through fundamentals, applications, and innovation. Fundamentals, applications, and innovation are not three tracks; rather, these elements of the theme are meant to add focus to the theme because "one discipline/global value" by itself would likely be too ambiguous. The tracks have not been pre-designated; instead, they will be determined based on the variety and relative popularity of the abstracts that are received. Abstracts will be evaluated in December. Keynote candidates are being contacted, but a specific keynote candidate has not been selected. Please notify Helayna Roberts, Technical Program Chairman, if you have a contact that may be interested. Helayna.Roberts@ngc.com.

(See "Mini-Conference" on page 10)

IMPORTANT CONFERENCE DATES:

ABSTRACT SUBMITTAL	December 1, 2014
ACCEPTANCE NOTIFICATION	January 1, 2015
FINAL PRESENTATION DUE	February 23, 2015

Inside This Edition

Features
- 2015 Chapter Elections 1
- September Networking 4
- November Speaker Meeting 9

New Members 11

Help Wanted 8

Upcoming Events Back page

Education/Conferences
- 2015 Mini-Conference 1, 7
- PPI Requirements Analysis and Specification Writing 5
- CTI CSEP Training 5
- UCI Systems Engineering Certification 6
- PPI Systems Engineering 8
- Holiday Party 10

Whom to Contact
- INCOSE-LA Board Members 10

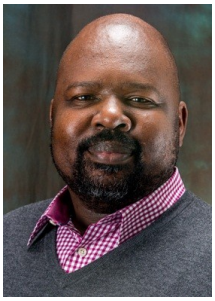
(Elections, continued from page 1)

Each functional area generally falls under the oversight of one of the directors. We want to stress the importance of the appointed body: it is the primary method for someone to engage in the operations of the Chapter and to progress into a position of the voting body.

An election committee reviews a preliminary list of names, which is constructed from the recommendations made by current and past officers, directors, chairpersons, and managers. Recommendations are based upon many factors that range from participation as an attendee (speaker meetings, tutorials) to volunteering in capacity. The committee also considers those who are willing to serve on the Board. As Paul Cudney, a past Membership Director, so eloquently explained, "Serving on the Board is an excellent, low-risk method of gaining direct job-related experience." The committee then decides upon a slate of candidates.

It is now up to you, our members, to vote for the 2015 BoD. We proudly introduce to you our slate of candidates for next year's Board of Directors.

Candidate for President: Stephen Guine



I believe in systems engineering and I believe in INCOSE.

In an increasingly interconnected and complex world, I believe that the discipline, science, and execution of systems engineering will be a key determinant in the ongoing and emerging quality of life in our communities and our abilities to pursue our professional and personal passions.

Therefore, as President of INCOSE-LA, I hope to build on the solid foundation of leadership that has preceded me in this Chapter and leverage our shared skills and experience to help push the message of systems engineering value into the "non-traditional" domains. I see this as a critical exercise in ensuring that our chapter remains vibrant and vital in the greater Los Angeles area. Additionally, I feel that our current member base will find significant value in being exposed to the challenges and solutions inherent in these other domains and discover useful tools and approaches that can be leveraged immediately in our own professional endeavors.

Candidate for Vice-president: Terry Rector

Terry Rector has over thirty years of experience in the aerospace industry, holding positions of increased responsibility as a systems engineer, Program/Project Manager, Space Systems Operator, and Intelligence Analysis. Terry retired from the United States Air Force and currently is a Senior Project Engineer at The Aerospace Corporation, El Segundo, California.

Terry serves as Aerospace's Protected Tactical Modem and the program test lead supporting the Space and Missile Systems Center's MILSATCOM Protected Tactical Service programs as

well as supports Small Business Innovated Research efforts. In this role, Terry is supporting the research and development, requirements generation, integration and testing of MILSATCOM programs and projects, multiple contractors and technologies.

Prior to working for Aerospace, Terry was the Vice President of Government Relations for a high tech small business specializing in 3-D chip stacking, cognitive data processing, and tactical sensors for several different land, air and space platforms. With over five years experience in small business, Terry understands the value of successful leadership and management of short schedules, tight budgets, and highly complex technical systems delivered by highly diverse, geographically separated teams comprised of various engineering disciplines. Lastly, Terry served for more than twenty years in the United States Air Force in communications, space, and intelligence systems.

Terry also servers as vice-president of two homeowners association where he has responsible for executing decisions in response to the well being of over 2000 home owners. Terry is an active member of the Air Force Association, the Armed Forces Communications and Electronics Association, and the Institute of Electrical and Electronics Engineers.

Terry joined INCOSE-LA in 2005 and has supported the chapter on several occasions. He is best suited for locating sponsors and exhibitors for the various activities that INCOSE-LA sponsors. He has served as the Sponsorship and Exhibitor Chair for the INCOSE-LA 2009 Mini-Conference, the Conference for Systems Engineering Research (CSER) 2011 and CSER 2014 Conference Co-Chair, and has been ask to Co-Chair CSER 2017. Lastly, he has served in numerous leadership positions planning other conferences such as the Responsive Space and the Small Satellite Conference.

Terry earned his education attending college via night and weekend classes, completing a Bachelor of Science Degree in Electrical Engineering from Southern Illinois University, a Master's of Science Degree in Space Systems from the University of North Dakota, and a Master's of Science Degree in Program Management from the prestigious Whittemore School of Business and Economics, The University of New Hampshire, where he earned his Project Management Professional certifications.

Candidate for Treasurer: Harvey Soldan

Harvey Soldan is a senior systems engineer at the Jet Propulsion Laboratory (JPL) and has over 34-years of experience in NASA, military, and commercial systems.

He joined NASA/JPL as a contractor in 1987 and is currently the Deep Space Network (DSN) Systems Engineer for the DSN Aperture Enhancement Project, which is adding new

(See "Elections" on page 3)

(Elections, continued from page 2)

34m Beam Waveguide antennas to the existing DSN at all three complexes around the world. The new antennas feature new commercial digital servo systems and new commercial transmitters, which will eventually be retrofit throughout the DSN. In this role, he spent 5 weeks last year at the Canberra, Australia Deep Space Complex supporting final system installation and acceptance testing. Previously, he was the Deep Space Network Tracking, Telemetry, and Command Systems Engineer. With another DSN systems engineer, Harvey created and taught to both JPL and NASA personnel, a very well respected and received course on infrastructure system engineering.

Harvey has worked on many military and commercial programs (from commercial airline in-cabin systems and mainframe databases to being the Fantasyland ride and show engineer at the WEDisney Enterprises – forerunner of Disney Imagineering). He has expertise in technical publications, testing (all levels), communications, and systems engineering for hardware and software intensive systems. His previous work was for projects at TELOS, Raytheon, Walt Disney, Avicom International (now part of Rockwell Collins), Enterworks and Gould NAVCOM (now NavCom Defense Electronics).

With INCOSE-LA, Harvey has been our treasurer for several years, as well as an INCOSE-LA Mini-Conference Chair, and supported CSER 2012 and 2014 in various roles.

Harvey received his Bachelor of Arts degree in Biology from The Johns Hopkins University with a minor in Chemistry.

Candidate for Director of Membership: Phyllis Marbach

Phyllis Marbach is a Senior Software Engineer for The Boeing Defense Space & Security. Phyllis has over thirty years of experience in aerospace programs; including satellites, chemical lasers, the International Space Station, and various propulsion systems. Currently she is working with Boeing Commercial Airline projects applying Systems Engineering Best Practices and the Boeing Agile Scrum for Engineering. Phyllis has been a Boeing Agile Coach for Unmanned Air Systems, Networked Radios, and research programs. Ms. Marbach, a Certified Scrum Master, a Certified Product Owner and Scaled Agile Coach, holds an MS degree in engineering from UCLA. She has been a member of INCOSE for 3 years and is an author of 3 papers and numerous presentations on NCOIC in 2006 and more recently agile systems engineering presented to local engineering groups, international conferences and publications.

Phyllis has been active in the INCOSE-LA Chapter presenting at the Mini-Conference in 2012, running a panel discussion at the Mini-Conference in 2013, helping run the Huntington Beach Remote Site during 2014 and hosting the August 2014 networking event in Orange County. She joined the INCOSE Agile Systems and System Engineering Working Group in January 2013 and is currently a project lead. Phyllis recently volunteered to be the registrar in-training for the 2015 Mini-Conference.

Candidate for Director of Communications: Bob Noel

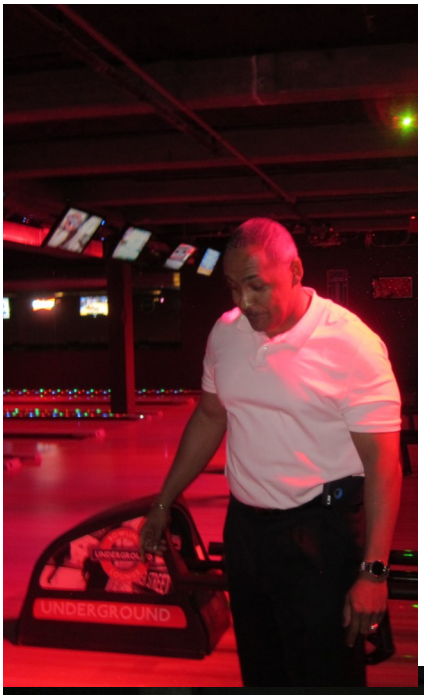
Bob Noel went to college at the University of California, Irvine campus pursuing first a BS and then a MS in Physics. In 1985, Bob hired into what was then the Anaheim site of Rockwell International. His first job entailed the calculation of interactions between military electronics and radiation from solar and nuclear sources. Five years later, Bob transferred to the Rockwell Science Center and helped develop infrared detectors for space exploration and missile defense. In 1998, Bob became an engineering functional manager for Test and Evaluation. His primary duty in that job, a role he greatly enjoyed, was to develop the skills of the people that were members of his group. After a successful stint on the proposal team, Bob joined the Joint Tactical Radio System (JTRS) program as an IPT Lead in the area of Test and Evaluation. A major part of this work involved managing suppliers (Raytheon, Rockwell Collins, BAE Systems and Northrop Grumman) to jointly develop technical plans and test program goals. He also served as partial developer of SOWs for these subcontractors. In October 2005, Bob left the JTRS program and is now assigned to a functional systems engineering group in Huntington Beach with several assignments including leading and teaching systems engineering leadership, performing systems engineering assessments on programs, serving as a subject matter expert for various programs for systems engineering and integrating suppliers in system engineering efforts. During these work years, Bob returned to school and received two more master's degrees, one in Electrical Engineering and one in Management.

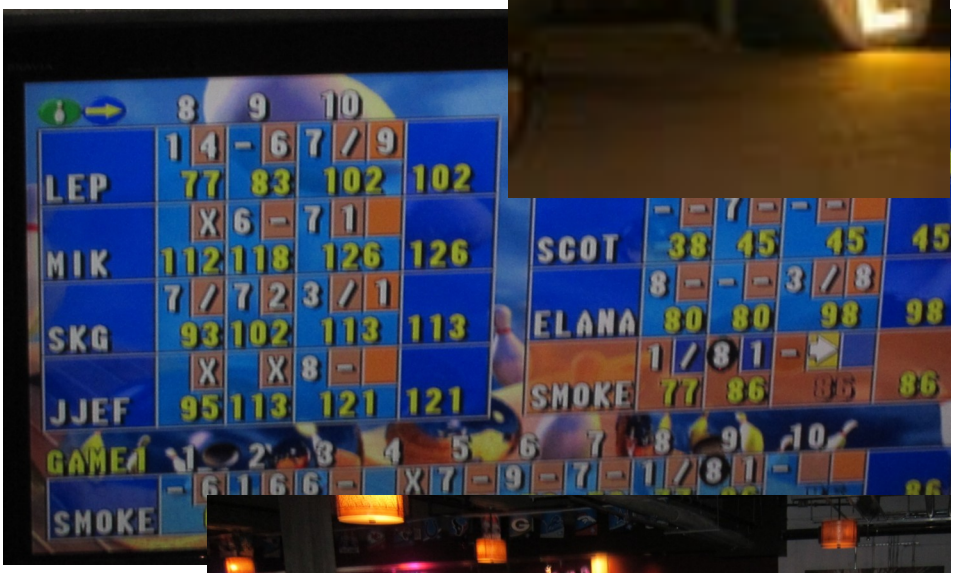
LEARN MORE ABOUT ALL THE CANDIDATES AND VOTE AT THE CHAPTER WEBSITE!

http://www.incose-la.org/

September networking event

The September networking event featured the traditional networking and camaraderie, but had the added feature of bowling! As noted by the score board, President Mike Wallace was the champion bowler.





PROJECT PERFORMANCE INTERNATIONAL

Requirements Analysis & Specification Writing

Las Vegas, NV
January 26 - 30, 2015

"Requirements Analysis and Specification Writing are sciences practiced by many, mastered by surprisingly few. And yet, the payoff from achieving excellence in these areas is large"

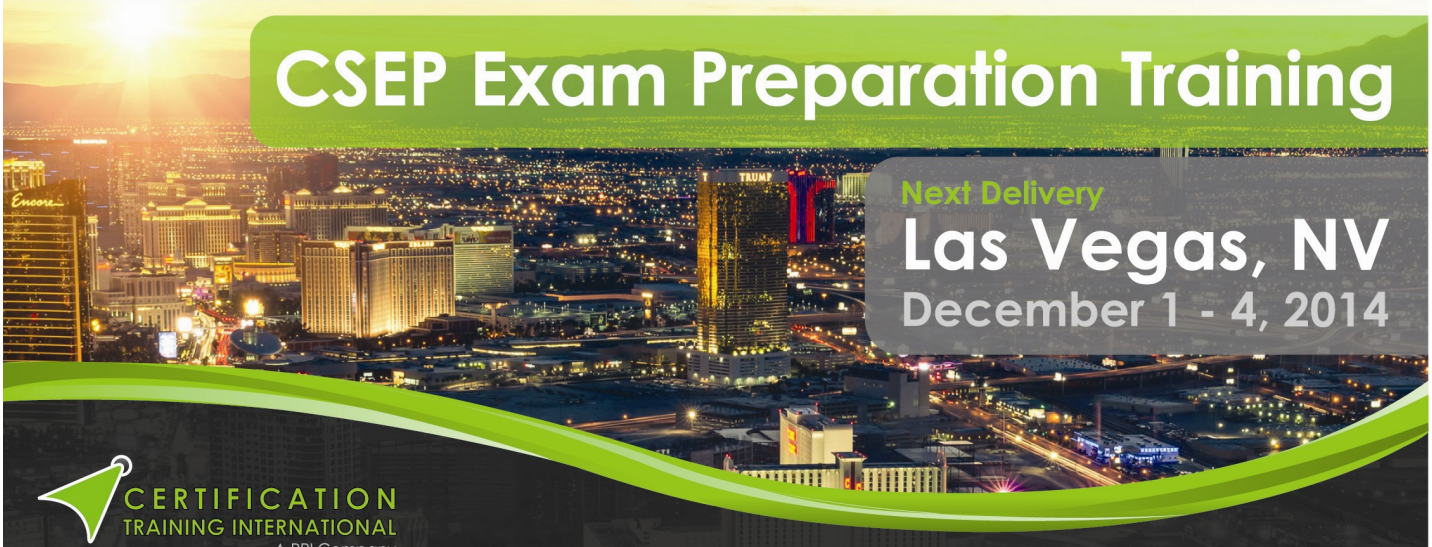
- Robert Halligan, FIE Aust CPEng

Upcoming RASW Courses

Las Vegas, NV	January 26 - 30, 2015
Boston, MA	April 13 - 17, 2015
Las Vegas, NV	August 24 - 28, 2015
Las Vegas, NV	October 19 - 23, 2015

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

CSEP Exam Preparation Training



Next Delivery
Las Vegas, NV
December 1 - 4, 2014

CERTIFICATION TRAINING INTERNATIONAL
A PPI Company

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

INCOSE LA members receive a $200 discount

Upcoming 4-Day Deliveries

February 9 -12, 2015	San Diego, CA
March 23 - 26, 2015	Los Angeles, CA
April 27 - 30, 2015	Albuquerque, NM
May 11 - 14, 2015	Denver, CO

Register today at: www.certificationtraining-int.com

Systems Engineering

Online Certificate Program

- Apply techniques to a broad range of industries
- Complete the entire program online
- Transfer specific coursework towards the Professional Master's Degree in Applied Systems Engineering (PMASE) from Georgia Institute of Technology
- Improve your organization's operational efficiency
- Prepare for INCOSE certification

Georgia Tech

Courses start January 2, 2015

10% discount for INCOSE members

For more information:

Julie Pai, Program Representative
julie.pai@uci.edu • (949) 824-6333

UCI Extension

extension.uci.edu/systemseng

International Council on Systems Engineering (INCOSE)

LOS ANGELES CHAPTER

is proud to host the

2015 Mini-Conference

Saturday, March 14, 2015
Loyola Marymount University (LMU), 1 LMU Drive, Los Angeles, CA 90045

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. Systems engineering is a global discipline centered on concepts and fundamentals that are adaptable 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 innovated 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

Registration Fees	Before 2/1/2015	2/1 through 3/8/2015	After 3/8/2015
INCOSE Member	$60	$75	$95
Non-Member	$70	$90	$115
Student / Senior Member	$25	$35	$50

If you are interested in presenting, please address inquiries to mini-conf@incose-la.org.
For additional information, visit **http://www.incose-la-miniconference.org**

Systems Engineering for Technology-Based Projects and Product Developments

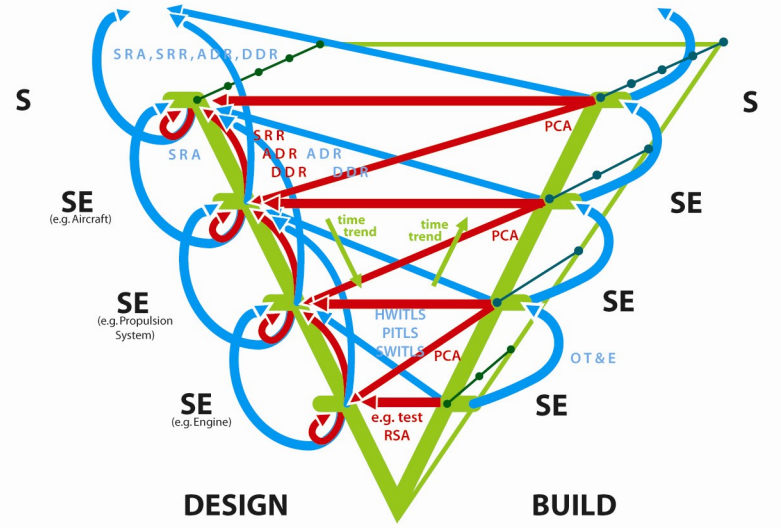
Lock in new skills today

PPI's popular systems engineering course is intended for personnel who perform, manage, control or specify the development of technology-based systems. The course provides participants with the knowledge, insights and tools to understand and apply best practice in the engineering of systems.

Join over 8,500 professionals around the world who have already taken this course.

5-Day Courses in Las Vegas, NV

- December 8 - 12, 2014
- April 27 - May 1, 2015
- September 28 - October 2, 2015
- November 30 - December 4, 2015



Verification : Is the work product correct -meets requirements?
Validation: Does the work product satisfy the need for the work product?

PROJECT PERFORMANCE INTERNATIONAL

WEDGE DIAGRAM

For the complete course description or for online registration please visit: www.ppi-int.com/se

Want to help encourage and help tomorrow's systems engineers?

A call for volunteers to develop the "Mini-SE Hbk" for high school students

The INCOSE LA Chapter has a unique role in promoting the guidance and discipline of systems engineering in the southern California region. In the interest of making the values and methodologies of systems engineering more accessible to high school students, a tiger team was established earlier this month aiming to develop a "Mini-Handbook" to support a systems engineering competition in 2015. Since its establishment, the team conducts meetings every Friday from noon to 1:00 p.m. At the current state, the team has completed the skeleton of the handbook and is ready to start the content development. Different from the INCOSE Handbook, this version is in a mission to bring fun facts and intriguing examples to encourage students' thinking like a systems engineer. The team will eventually interact with local high school teachers and students to coach and facilitate the knowledge transfer in a form of workshop.

For more information, go to the Orange Open Competition in Science & Technology website at http://www.orangeopen.org.

HELP WANTED!
JOIN THE INCOSE-LA NEWSLETTER TEAM

Would you like an opportunity to hone your writing and proof reading skills while learning about the discipline and about the chapter?

Can you spare a few hours every other month or so?

If so, you can help with the Chapter's award-winning *Newsletter*.

Contact Jorg Largent at jorg.largent@incose.org.

November Speaker Meeting
INCOSE Vision 2025

By Clarence Eder

The INCOSE-LA Speaker Meeting was held on the evening of Veterans Day and there were about 15 people in attendance in addition to the people that called in. After retiring from the Air Force at Missile Defense Agency (Huntsville, Alabama) in June and moving to Southern California, this was my first opportunity to attend an INCOSE-LA meeting. The attendees were all very welcoming and informative.

Mike Wallace (INCOSE-LA President) kicked off the meeting welcoming everyone and introducing nine new members. He acknowledged that the organization continues to reach out to academia with seven of the nine new members joined as students. Mike also mentioned some upcoming events for INCOSE-LA chapter, including the Holiday Party on December 5, 2014 at the Del Rey Yacht Club, the Town Hall Meeting for new officers on January 13 2015, and the 2015 Mini-Conference on March 14, 2015. He reminded everyone that the abstract for the Mini-Conference is due on December 1, 2014.

After the kickoff, a panel was formed to discuss INCOSE Vision 2025 and how we plan to support the Imperatives. The members of the panel included Eric Belle (online), Stephen Guine, Phyllis Marbach, Padman Nagenthiram, and Mike Wallace.

Padman began with the introduction of the INCOSE Vision 2025 Imperatives and summarizing the 56-page document. Only seven systems engineering experts produced the document so it needed more diverse inputs. The purpose of the document is to inspire and guide the direction of systems engineering access stakeholder communities. There are three main sections of the document:

1) Global Context, which includes global environment and human societal needs;
2) Current State, which covered historical and current systems trends; and,
3) Future State, which is addressing gaps and challenges in systems engineering practices and methods.

The document identified six imperatives that were individually discussed by each panel member. The first Imperative is "Expanding Application of systems engineering across industry domains." INCOSE-LA has been too focused on aerospace, but it can support this imperative by diversifying speaker meetings, promoting collaboration with other professional societies.

The second imperative is "Embracing and learning from the diversity of systems engineering approaches." We need to find a common ground to understand other processes that are not necessarily identified as systems engineering processes in healthcare and biomedical, automotive industry, energy, and transportation.

The third imperative is "Applying systems engineering to help share policy related to social and natural systems." We need to understand domains and solution spaces that encompass traditional systems engineering products.

The fourth imperative is "Expanding the theoretical foundation for systems engineering." We need to promote bridging the gap between industry and academia.

The fifth imperative is "Advancing the tools and methods to address complexity." We need to learn to deal complexity without repeated trial and error.

Finally, the sixth imperative is "Enhancing Education and Training to grow systems engineering workforce that meets the increasing demand." The vision in 2025 is to have a workforce that will be more diverse, globally dispersed and distributed, and multi-disciplinary.

Systems thinking allow us to have a better understanding of the direction we are going in order to implement these imperatives. The breakdown of these imperatives has been very helpful to the meeting attendees and there were questions on how we, as a local organization, can reach out to academia and different industries. As a systems engineer in space systems and a PhD candidate in Systems Engineering, it was refreshing to hear the different imperatives to promote systems engineering diversity.

MINI-CONFERENCE WEBSITE NOW OPEN!

FOR DETAILS AND EARLY REGISTRATION, GO TO:

www.incose-la-miniconference.org

"Rabbit's clever," said Pooh thoughtfully.
"Yes," said Piglet, "Rabbit's clever."
"And he has Brain."
"Yes," said Piglet, "Rabbit has Brain."
There was a long silence.
"I suppose," said Pooh, "that that's why he never understands anything."
— A.A. Milne, Winnie-the-Pooh

HOW TO VOTE:

Go online at www.incose-la.org.
Voting starts December 1 and ends December 26.

(Mini-Conference, continued from page 1)

A panel discussion will be a major part of the Mini-\Conference, and preparations for that are underway as well.

Publicity efforts, led by Publicity Chairman Christine Ito and Co-Chairman Stephen Guine, are realizing an expanding horizon with each new company or school point of contact received. Please contact either Christine or Stephen if you know of a contact that could help spread the word about the Mini-Conference.

For the first year, the Mini-Conference has its own dedicated website, www.incose-la-miniconference.org. Thanks in large part to Mark Gallo, the Mini-Conference Communications Chairman, the website's sleek, crisp, modern look has given the mini-conference's online image a much-needed facelift. The website has made the process for members to upload necessary information much more streamlined while making it easier for potential participants to obtain a variety of information about the mini-conference. Please give it a look!

Going into the Christmas season, plenty of work still remains to get us in good position for our state of preparation early next year. If you would like to get involved in the mini-conference, or know someone who would, please contact Karen Miller at karmill888@aol.com.

MINI-CONFERENCE WEBSITE NOW OPEN!

FOR DETAILS AND EARLY REGISTRATION, GO TO:

www.incose-la-miniconference.org

You are invited to the INCOSE-LA Chapter Holiday Party!

Friday evening,
5:00 p.m. December 5, 2014

Location same as last year
at the elegant
Del Rey Yacht Club,
13900 Palawan Way
Marina Del Rey

Free for members — a nominal charge for guests and non-members

Great people ❋ Fine food ❋ Lots of Fun
White Elephant Gift Exchange

An INCOSE-LA Tradition!

RSVP Required;
go to the INCOSE-LA website http://www.incose-la.org/ to RSVP and for more details

2014 Board of Directors

Elected Officers			Elected At-large Directors		
President	Michael Wallace	m.wallace@ngc.com	Membership	Marsha Weiskoph	Marsha.v.weiskopf@aero.org
Vice-president	Stephen Guine	Stephen.Guine@ngc.com	Programs	Shirley Tseng	shirleytseng@earthlink.net
Immediate Past President	Eric Belle	eric.belle@incose.org	Systems Engineering Education	Padman Nagenthiram	padman.nagenthiram@gmail
Secretary	Scott Birtalan	scott.birtalan@ngc.com	Ways and Means	Paul Cudney	paul.cudney@incose.org
Treasurer	Harvey Soldan	harvey.soldan@jpl.nasa.gov	Communications	Robert Noel	robert.noel@boeing.com

Appointed Positions					
Newsletter Editor	Jorg Largent	jorg.largent@incose.org	Student Division Ambassador	Scott Birtalan	scott.birtalan@ngc.com
Technical Society Liaison	Shirley Tseng	shirleytseng@earthlink.net	Reflector Manager	Susan Ruth	susan.c.ruth@aero.org
Chapter Recognition Manager	OPEN		Industrial Relations Manager	Jose Garcia Jr.	jose.s.garcia-jr@boeing.com
Professional Networking Chair	Scott Birtalan	scott.birtalan@ngc.com	Website Technical Manager	OPEN	
Representative to the SF Valley Engineer's Council	Stephen Guine	Stephen.Guine@ngc.com	Lead Site Coordinator	OPEN	

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
Stacy Graham	Industrial Engineer	PIH Health
Earnetta Cotton	MILSATCOM Requirements Development Lead and Process Owner	TASC
Matthew Gann	Senior Systems Engineer	Raytheon
Briahna Jarcho	Financial Aid Counselor	Loyola Marymount University
David Gerda	Project Officer	USN
Rafael Hernandez	Principal Systems Engineer	Raytheon
Mohsen Jabbar-tabrizi	Sr System Safety Designer	Systra Consulting
Cindy Ellis	Staff Systems Engineer	Advanced Sterilization Products
Peggy Lou	Principal Systems Engineer	LinQuest Corporation
Michael McGarvey	SE	Northrop Grumman Aerospace Systems
Dominique Acuna		
Khaled Alsultan	Student	Cal Poly Pomonal
Adan De La Cruz		
Osvaldo Gutierrez		
Mark Nielsen	Principal Engineer	PTC
Meshail Almofawez		ALMarai Co
Kirkland Brown	Systems Integration and Test Engineer 3	Northrop Grumman Corporation
Cameron Miller	Systems Engineer Sr	Lockheed Martin
Julie Foster		
James Newell	Systems Engineer	Moog Inc.
Johnathan Jones	Systems/Process Engineer	Univ Surv Sys

DON'T FORGET TO VOTE!

LEARN MORE ABOUT ALL THE CANDIDATES AND VOTE AT THE CHAPTER WEBSITE

http://www.incose-la.org/

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*

"The whole of science is nothing more than a refinement of everyday thinking."
Albert Einstein

"It is more fun to talk with someone who doesn't use long, difficult words but rather short, easy words like 'What about lunch?'"
— A.A. Milne, Winnie-the-Pooh

INCOSE-LA Chapter NEWSLETTER
Vol. 12, Issue 6: December, 2014 – January , 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

December Holiday Party
Date: Friday, December 5, 2014
Marina Del Rey Yacht Club
See Reflector Notice in your email for details

INCOSE International Workshop
Date: Saturday through Tuesday, January 24 – 27, 2015
Torrance, California
Check the INCOSE website for details

The INCOSE-LA Mini-Conference
Date: March 14, 2015
Time: 7:30 a.m. – 5:00 p.m.

Opportunities available now
See article on page 1 for the latest update

INCOSE International Symposium
The 25th. Anniversary Celebration!
Date: July 13 – 16, 2015
Seattle, Washington
Check the INCOSE website for details