Election Special!

Candidates for the Board of Directors, 2009
David Boyd, President

One of the most satisfying accomplishments during the past five years of my thriving career is the day that I joined the Los Angeles Chapter of INCOSE. The education has reinforced and enriched my understanding of leadership, communication, teamwork, and, yes, systems engineering. This experience as your President has been an excellent challenge with rewarding results. I have had the opportunity of a lifetime: to work with great people in leading a trend-setting Chapter of highly motivated, dedicated, accomplished, and intelligent individuals.

The transition from 2008 to 2009 quickly approaches. Hence, I call on you, the members of the Chapter, to take time and read your slate of candidates for the 2009 Board of Directors. These candidates are presented to you on the pages that follow.

For those who are not familiar with the process of our Chapter elections, an explanation. The Board of Directors 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*. Each functional area generally falls under the oversight of one of the directors. I 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. The list 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 a member who volunteers in just about any capacity and who is willing to volunteer on the Board. Volunteer? Yes. As Paul Cudney, our Membership Director, so eloquently explained during my stint as Chapter Secretary, "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 2009 Board of Directors. As your soon-to-be Past-president, I proudly introduce to you our slate of candidates for the 2009 Board of Directors.

HOW TO VOTE:

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

Eric Belle
Candidate for President
(one-year term)

Eric Belle, your current Chapter Vice-president, is a section manager for the Systems Development Center at Raytheon's Space and Airborne Systems in support of the Advanced Concepts and Technology area. His experience includes a broad background of systems-related activities over the entire life cycle of a number of different systems in the automotive, aerospace, and defense industries. These assignments include managing electronic circuit board production for a German automotive supplier in Barcelona, Spain, coordinating test activities for a Japanese space-based electro-optical sensor, and providing on-site field support for a surveillance radar system in Saudi Arabia during Operation Desert Storm.

Eric's goals as President, leveraged off of his broad background, are to continue expanding the INCOSE-LA outreach to other industries and to ensure that our core customers in aerospace and defense in the southern California region continue to view INCOSE as a valuable resource.

Eric has been a member of INCOSE since 2003. In addition, prior to his service as our current Vice-president, Eric served as Editor of the Chapter's *Newsletter* for three years. He is the current Chairman of INCOSE's Defense Systems Working Group, which is still in its formative stage.

Eric has a B.S.E.E. from UCLA, an M.B.A. from the University of Texas at Austin, and a *Diplom Kaufmann* (a German business degree) from WHU Koblenz. Eric is currently enrolled as a graduate student in Systems Engineering at USC.

Rosalind Lewis
Candidate for Vice-president
(one-year term)

Rosalind (Roz) Lewis is the Principal Director of the Acquisition and Planning Subdivision at The Aerospace Corporation. In this position, Roz manages four departments that support a variety of program offices, corporate initiatives, and external civil and commercial customers. This support includes system reliability analysis; programmatic analysis and modeling to include cost, schedule, and risk analysis; and systems engineering and acquisition strategy development support.

Roz joined The Aerospace Corporation in 1987 as a member of the technical staff in the Computer Science Laboratory, where she developed software tools for experimental mission planning, upgraded a network resource scheduling system, and studied fault-tolerant methodologies. As a Senior Project Engineer in a program office, she led a multi-disciplinary effort to develop and deploy a digital imagery dissemination system. She was promoted to Senior Project Leader in the Air Force Satellite Control Network (AFSCN), where she studied the impact of GPS-aided satellite navigation on the AFSCN and supported systems engineering and integration activities for cross-segment initiatives. In 1999 she joined the RAND Corporation as a Senior Engineer, where she conducted and participated in studies regarding the acquisition, development, and use of space systems, including GPS and Galileo. Other studies and analyses concerned the development and applications of information and communication technologies in government and consumer environments.

Roz has been a participant in Chapter activities, most recently having served as the Moderator of the 2007 INCOSE-LA Mini-Conference.

Roz holds a B.S. from USC in Computer Science, an M.S. from Polytechnic University in Computer Science, and an M.S. in Systems Architecture and Engineering from USC.

Beth O'Donnell
Candidate for Secretary
(one-year term)

Beth O'Donnell is a systems engineer in Affordability for Boeing's Phantom Works Strategic Projects and Analysis organization. Her experience includes affordability, cost-effectiveness, operations analysis, and trade study support for a variety of military and NASA proposals and programs, as well as for internal development projects. Beth has systems engineering experience in satellite, launch vehicle, and new space system programs as well as programs related to UAVs and missile defense.

Beth has been a member of INCOSE since 2004, and served as Secretary for the INCOSE-LA Chapter in 2008. She participated in the committees for the 2007 INCOSE-LA Mini-Conference and CSER 2008. In addition, Beth is involved in the INCOSE Space Systems Working Group, Cost Engineering Working Group, and the 2009 INCOSE-LA Mini-Conference committee. Her goal for INCOSE for 2009 is to work with the INCOSE-LA Chapter to offer more products and services that are of value and interest to the systems engineering community.

Beth has a bachelor's degree in Industrial Engineering from Cal Poly, San Luis Obispo and a master's degree in Systems Architecting and Engineering from USC.

"Your pets are your children" — seen on a billboard.
Is this not an example of improperly applied dimensional analysis and inconsistent units?

Marsha V. Weiskopf
Candidate for Treasurer
(one-year term)

Marsha Weiskopf is a systems engineer at The Aerospace Corporation and has over 20 years of experience in both military and commercial communications systems. She joined The Aerospace Corporation in 1993, and is currently an office director in the Research and Program Development Office. She manages the company's IR&D program. Marsha has worked on several military and commercial spacecraft programs specializing in communications and systems engineering.

Marsha, an INCOSE member for over ten years, received the Susan Ruth Award in 2007 for her commitment and volunteerism to the Chapter. She is the current Treasurer of the INCOSE-LA Chapter, a position that she has held for the past four years.

Marsha received her B.S. from UCLA and her M.S. from USC, both in Electrical Engineering.

Paul Cudney
Candidate for
Membership Director
(two-year term)

Paul Cudney currently is a Senior Systems Engineer in the Requirements Verification and Test Organization with Lockheed Martin Integrated Systems and Global Solutions. He has over 42 years of experience performing software test and verification, and systems integration for real-time, ground-based control systems involving aircraft and satellites.

Paul has served as Chairman of the Los Angeles Chapter of the Association for Computing Machinery (ACM), and also as Chairman of the ACM Committee on Chapters. In addition, Paul is a member of the Steering Committee for the Southern California Software Process Improvement Network.

Paul has been an INCOSE member since 2000, was twice a Track Chairman at INCOSE-LA Mini-Conferences, once Secretary of the Chapter, and has served as Membership Director for the past several years. Paul vigorously supports activities to increase the knowledge and stature of our members, and seeks to increase member participation as a low-risk method of gaining direct job-related experience.

John Silvas
Candidate for
Program Director
(two-year term)

John Silvas has been working at Booz Allen Hamilton for the last ten years, providing professional consulting services in the systems engineering functional areas of requirements analysis, architecture development, integration, technical management and control planning, and process improvements. Since moving from Virginia five years ago, John has emerged as a Space and Missile Systems Center (SMC) leader in developing Systems Engineering Plans (SEP) for various programs. He has successfully led or advised on such plans as the enterprise GPS SEP, Transformational Satellite Communication System Program SEP, Advanced EHF Satellite System (AEHF) Program SEP, MILSATCOM Wing SEP, Satellite Control Network Contract SEP, and Land Based Strategic Deterrent Program SEP. John's current role is Integration Lead for the Systems Engineering and Integration (SE&I) Contractor Team in support of the GPS Wing. In this role he is responsible for the orchestration of the SE&I team's efforts to integrate new segment functionality into the currently operational GPS system as well as for the planning and assurance that the GPS Wing delivers new integrated system capabilities to the user in the future.

John, a member of INCOSE since 2005, is an INCOSE Certified Systems Engineering Professional (January 2006) with over 15 years of systems engineering experience. John presented an overview of the GPS SE&I contractor roles and functions for the INCOSE-LA September 2008 speaker meeting, which was well attended.

Going forward as the Programs Director, John would utilize his extensive network in the aerospace industry to bring highly informative and cutting-edge systems engineering briefing topics to our Chapter. He feels strongly that the monthly speaker meeting is a key enabler for expanding the Chapter's membership as well as a highly effective vehicle for positively influencing engineers across multiple domains in southern California.

Prior to joining Booz Allen, John was in the U.S. Air Force during the first Gulf War, performing Signals Intelligence in support of various national objectives. His three-year active duty tour, plus five years of active reserve duty at the National Security Administration, provided him with a solid foundation in the Satellite Communications operations and intelligence analysis. John earned a B.S. in Industrial Design at Virginia Tech in May 1998. He is pursuing a master's degree in Systems Engineering. He has been married for over seven years to his wife Toni and is also a proud father of two boys, ages 17 and 2.

It is always CAVU on top.

INCOSE-LA Chapter   NEWSLETTER
Vol. 6: Issue No. 10   Election Special 2008

Edie Ung
Candidate for
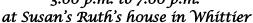## Communications Director
(two-year term)

Edie Ung is currently the Section Manager for the Systems Development Center Process and Training Section at Raytheon Space and Airborne Systems. She specializes in Enterprise Process Improvement. She has a diverse background including software engineering, systems engineering, configuration and data management for the government defense industry, and working with commercial industries in the development of banking systems and personal communication devices. Edie has earned a B.S. in Computer Science from Cal State LA and was a pre-med student at UC Irvine.

Upon joining INCOSE at the beginning of 2008, Edie took the opportunity to volunteer as the INCOSE-LA Newsletter Co-Editor to better familiarize herself with the organization. Edie would like to further contribute to the Chapter by serving as the Communications Director, a position that was vacant for most of this year, to provide oversight to the Communications Sub-Committees. Although she is still relatively new to INCOSE-LA, she hopes to leverage off the experience of long-time members to evaluate the current practices for communications and make improvements where needed to enhance relations with the member community. In addition, she wants to set an example to new members that it is never too soon to start getting involved!

You are invited to the
INCOSE-LA Chapter
Holiday Party
December 13, 2008
3:00 p.m. to 7:00 p.m.
at Susan's Ruth's house in Whittier

Great people   Fine food   Lots of Fun
A White Elephant gift Exchange

No cost for the INCOSE-LA member and one guest (bring a gag gift for the white elephant gift exchange)

R.S.V.P.
registration@incose-la.org
with subject line
"INCOSE-LA Holiday Party"

!MINI-CONFERENCE!
February 7, 2009

☞The Los Angeles Chapter of INCOSE☜ is proud to host the 2009 Mini-Conference

"Enhancing Systems Engineering:
Expanding Our Process
to Meet Future Needs"

Plan on attending this one day event — an opportunity to listen, learn, discuss, and share with fellow professionals

**Systems Engineering:
It's More Than Just Aerospace!**

Presentations on the future of systems engineering

Continental breakfast and lunch included

Panel discussion by leaders in our profession

See future editions of the *Newsletter* and check our website www.incose-la.org for more details.

Mark Your Calendar!

Elected Board Members Returning in 2009

Systems Engineering Education Director

and

Ways and Means Director

By David Boyd

Although the following two Directors are not on this year's ballot, they deserve recognition for their contributions to the Chapter. These dedicated members are returning in 2009 to complete their two-year terms.

Systems Engineering Education Director Shirley Tseng was elected to this office in 2008 and will complete her term in 2009. Continuing on where Anna Warner handed off, Shirley has had a remarkable year in bringing great tutorials to the Chapter. She and our outgoing Programs Director, Jack Elson, have done a superb job.

Shirley has experience in space operations, ground systems, spacecraft systems, satellite networks with general systems engineering, software engineering, and system architecture. Shirley began her engineering career with satellite space operations and ground system development at GE (now Lockheed Martin Mission Systems). She joined Hughes Aircraft Corporation, Space Communication to work on MILSTAR Spacecraft systems engineering and Hughes New Venture Organization to work on satellite technology and business service development on emerging satellite services, such as XMRadio and Spaceway systems. With MorganFranklin, Shirley supports customers such as NASA, the Navy, and Missile Defense Agency (MDA) with advance technology support, space mission and data services development, DODAF and JCIDS development, architecture and system development, network architecture, and tool environment development.

Shirley actively keeps up with many disciplines with membership and participation in numerous organizations. Shirley joined the INCOSE-LA Chapter when it was first formed and is an active member attending most meetings and tutorials. Shirley has supported the prior two CSERs with publicity support.

Shirley is a graduate of the University of Pennsylvania with degrees in Systems Engineering and Wharton Economics.

Shirley is also a member of AIAA, IEEE, Association of Computing Machinery, SPIN, Association of Enterprise Architects, IASA (International Association of Software Architects), and user groups Java, Cisco, ITIL, BEA, Linux. She is the Conference Chair for the AIAA Technical Committee on Space Operations and Support (SOSTC) and was formerly the AIAA Tools and Technology Chair. Shirley is on the

Ways and Means Director Dana Pugh, elected as the 2008 Ways and Means Director, will complete this term in 2009. Dana has helped our Chapter stay the course as a not-for-profit organization as Ways and Means Director, picking up where Sherry Pietras left off in 2007. Dana is a fresh face with only four years of experience in the aerospace industry. An original San Diegan who currently resides in Long Beach, Dana brings new and innovative ideas to any team. Past industry experience includes systems engineer in Long Beach C-17 Program, design engineer for WGS Receive Array Block II, and mechanical engineer for GPS III Non-Flight Testing. She is currently supporting MUOS as a liaison engineer.

Dana, a member of INCOSE since 2005, was the 2005 Mini-Conference Treasurer, 2006 CSER AV Coordinator, and 2006-07 Chapter Awards Chair. Dana was awarded the Chapter's President's Award for her excellent work as Chapter Awards Chair. In addition to Dana's volunteering to INCOSE, she is the current Vice-president for BEAGLES-ELS. Dana's prior involvement also includes: 2007-2008 Yuri's Night Event Coordinator, and 2006 BEAGLES-LB Secretary.

Dana earned her B.S. in Aerospace Engineering from UCSD. She holds a Systems Engineering Certificate from Caltech and is a Dale Carnegie graduate. Dana is pursuing a M.S. in Astronautical Engineering at USC.

Dana supports and participates externally in: AIAA, INCOSE, SWE, and Yuri's Night Committee. Internal to Boeing she supports: Engineering Week Committees, the Amelia Earhart Society, BAAPA, BWIL, BHEN, BBEA, and REACH. Passions/hobbies include cats, dancing, community service, TV shows and movies, Josh Groban, travel, diversity and equality for all, and human space exploration.

Western Region INCOSE Chapters Will Meet at International Workshop

Chapter representatives from INCOSE chapters throughout Region II will meet together at the 2009 International Workshop in San Francisco. The IW event takes place January 31-February 3, 2009 at the Westin Hotel near the San Francisco airport. Chapter representatives will meet January 31 to discuss a variety of topics and share ideas for programs and operations. Lynn Baroff, Region II Representative to the INCOSE Member Board and a member of the Los Angeles Chapter, will host and facilitate the meeting. Beside Los Angeles, Region II chapters are located in Central Arizona, Phoenix, Tucson, San Diego, Colorado, Utah, and New Mexico.

Return Address:

800 S. Pacific Coast Hwy. #8-205
Redondo Beach, CA   90277

Forwarding Address Requested

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

2008 Board of Directors and Appointed Positions

Elected Officers

Position	Name	Email		Alt Email
President:	John David Boyd	john.boyd@incose.org	or	president@incose-la.org
Vice-President:	Eric Belle	eric_c_belle@raytheon.com	or	vicepresident@incose-la.org
Past President:	James Manson III	james.manson@incose.org	or	pastpresident@incose-la.org
Secretary:	Beth O'Donnell	elizabeth.l.o'donnell@boeing.com	or	secretary@incose-la.org
Treasurer:	Marsha Weiskopf	marsha.weiskopf@aero.org	or	treasurer@incose-la.org

Elected At-Large Directors

Position	Name	Email		Alt Email
Membership:	Paul Cudney	paul.cudney@incose.org	or	membership@incose-la.org
Programs:	Jack Elson	jelson@nu.edu	or	programs@incose-la.org
Systems Engineering Education:	Shirley Tseng	shirleytseng@earthlink.net	or	setraining@incose-la.org
Ways and Means:	Dana Pugh	dana.pugh@incose.org	or	waysandmeans@incose-la.org
Communications:	OPEN			

Appointed Positions

Position	Name	Email		Alt Email
Newsletter co-editors:	Edie Ung, Jorg Largent	edie@raytheon.com	or	Palmdalejorg@aol.com
Newsletter Production Manager:	Lee-Ann Seeling	lseeling@imsco.us.com		
Reflector Manager:	Susan Ruth	susan.c.ruth@aero.org		
Industrial Relations Manager:	Jose Garcia, Jr.	jose.s.garcia-jr@boeing.com		
Technical Society Liaison:	Edmund Conrow	info@risk-services.com		
Chapter Recognition Manager:	Michael Maar	michael.c.maar@boeing.com		
Lead Site Coordinator:	Anna Warner	anna.warner@boeing.com		
Webcast Event Manager:	Chris Delp	cldelp@jpl.nasa.gov		
Website Content Manager:	Communications Director			
Website Technical Manager:	Benjamin Luong	Benjamin.Q.Luong@boeing.com		
2009 Mini-Conference Chair:	Shah Selbe	shah.selbe@boeing.com		
2009 Mini-Conference Technical Program Chair:	Dick Emerson	r.emerson@computer.org		
Venue Chair:	Denise Nelson	Denise.J.Nelson@boeing.com		
Representative to San Fernando Valley Engineers' Council:	Stephen Guine	Stephen.Guine@ngc.com		

Those interested in INCOSE membership please contact Paul Cudney - paul.cudney@incose.org. If you wish to be placed on our E-mail distribution, please contact Susan Ruth – susan.c.ruth@aero.org.