San Diego Chapter
P.O. Box 262055
San Diego, CA 92196-2055

The INCOSE San Diego Chapter will hold its next membership meeting on **Wednesday, February 23, 2011**. This will be a free dinner meeting for INCOSE members and non-members.

TIME:

5:00 PM – 6:00 PM	Sign-in and Networking/Dinner
6:00 PM	Speaker Presentation
7:00 PM	Adjourn

LOCATION: Cubic
9333 Balboa Avenue
San Diego, CA 92123

SPEAKER: Dr. Ray Madachy

Topic: ***Quick Engineering Cost Estimates and Trades using Coconomography***

Abstract: Coconomography (http://diana.nps.edu/~madachy/coconomography/) is the graphical computation of constructive cost models for systems and software engineering using nomographs. They are the most rapid and simple method of calculating the models by drawing lines. No computers, calculators or manual calculations are needed. The graphs are printed on paper or used on a flat screen. Nomographs are used for very fast calculations when approximate answers are appropriate and useful. This presentation will show you how nomographs can be used to estimate systems engineering and software development costs based upon the COCOMO cost estimation tools as well as techniques for conducting systems and software engineering trades and feasibility assessments.

RSVP To: Jo Ann Lane at **jolane@usc.edu** by COB on **Tuesday, February 22nd** in order to finalize catering**.** **Bring a friend or colleague!** Also note that for those that register by the deadline, there will be a drawing for 3 COCOMONOMO mouse pads at the end of the meeting!

About the Speaker: Dr. Raymond Madachy is an Associate Professor in the Systems Engineering Department at the Naval Postgraduate School. Previously he was a Research Assistant Professor in the Industrial and Systems Department at the University of Southern California and a Principal in the USC Center for Systems and Software Engineering. At USC he also served as Interim Director of the Systems Architecting and Engineering Program. In addition, he has over 20 years of management and technical experience in industry at Cost Xpert Group, C-bridge Institute, and Litton Guidance and Control Systems. He has over 80 publications including the book Software Process Dynamics and is a co-author of Software Cost Estimation with COCOMO II.