



**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, March 20, 2013**. This is a free 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:**

SAIC, Room 1221\*  
4015 Hancock Street  
San Diego, CA 92110

*\* Attendees will need to check in with the guard in the lobby to get badged*

**SPEAKER:** Dr. John Wood

**Topic:** Advancing the Operational Readiness of the V-22 Osprey Fleet via Cloud-Based Analytics (A Work In Progress)

**Abstract:** The purpose of this presentation is to provide a brief introduction of cloud computing in the context of a real-life project. This project recently employed the advantages of cloud computing to house and analyze multiple data sources related to the V-22 Osprey tiltrotor aircraft. By correlating separate data streams, the team has increased context, awareness, and understanding of all factors contributing to aircraft readiness. While still in its initial phases, the preliminary results reveal the power and potential brought forth by cloud computing.



**About the Speaker:** John N. Wood is a systems engineering manager supporting the U.S. Navy as a defense contractor. He is currently leading engineering efforts to field a cloud-based analytics environment enabling enhanced trouble-shooting, root cause analysis, and prognostics for naval aviation platforms. Previously, he was the lead engineer on communications-related projects in a variety of fields such as organizational messaging for bandwidth limited ships and emergency action messaging for the command and control of nuclear weapons. He is a graduate of the U.S. Naval Academy (B.S. Electrical Engineering) and The George Washington University (M.S. and Ph.D. in Systems Engineering).

**RSVP To:** Mike Patota at [patotam@cox.net](mailto:patotam@cox.net) by COB on **Tuesday, March 19<sup>th</sup>** in order to finalize catering. **Bring a friend or colleague!**