

# 15<sup>TH</sup> ANNUAL NDIA SYSTEMS ENGINEERING CONFERENCE OCTOBER 22 – 25, 2012 – SAN DIEGO, CA

## ERS TRACK

### ENGINEERED RESILIENT SYSTEMS SECRETARY OF DEFENSE S&T PRIORITY

Engineered Resilient Systems (ERS) focuses on agile and cost-effective design, development, testing, manufacturing, and fielding of trusted, assured, easily- modified systems. Its goal is to achieve a vitally-needed transformation in the contribution of Defense systems engineering throughout the systems lifecycle. ERS was identified by the Secretary of Defense as a strategic investment priority on 19 April 2011, drawing upon recommendations resulting from the Quadrennial Defense Review mission architecture studies directed in the FY12-16 Defense Planning Programming Guidance.

#### Wednesday, 24 October (8AM – 5PM)

- **Engineering in the Current Strategic Context**  
Chair: Robert Neches, PhD - Director of Engineering Initiatives, OSD
- **Modeling and Cross-Domain Coupling of Systems, Environments, and Operational Contexts**  
Chair: Robert Wallace, PhD - Chief, Computational Science and Engineering Division, ERDC
- **Tradespace Exploration and Analysis of Alternatives**  
Chair: Elias Rigas - Chief, Vehicle Applied Research Division, ARL Vehicle Technology Directorate
- **Collaboration and Decision-making Techniques (Industry Panel)**  
Chair: Robert Hummel, PhD - Chief Scientist, VP of Research, Potomac Institute for Policy Studies

#### Thursday, 25 October (8AM – Noon)

- **ERS Approaches to Managing Risk and Uncertainty**  
Chair: William L. Nolte - Senior Plans and Programs Engineer, Engineering and Technical Management Directorate, AFRL
- **ERS: Opportunities for the Future**  
Chair: Robert Neches, PhD - Director of Engineering Initiatives, OSD

ERS Track Chair and OSD Contact for the ERS S&T Priority: Dr. Robert Neches  
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Take this opportunity to meet Dr. Jeffery Holland, ERS Priority Steering Council lead,  
Jeffery.P.Holland@usace.army.mil

For Conference Info: <http://www.ndia.org/meetings/3870>  
More about ERS: <http://www.acq.osd.mil/chieftechnologist/areas/ers.html>