



Ground System Architectures Workshop

***Working Group 11E:
Cloud Computing and Big Data Technologies
for Ground Systems IX***

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Session Goals

- Discuss the current trends, best practices, and lessons learned in using Cloud Computing and Big Data technologies
- Key Focus Areas:
 - *State of the art in Cloud Computing and Big Data*
 - *Cloud and Big Data reference models*
 - *Cloud-based ground systems*
 - *Cloud and Big Data technologies*
 - *Cloud security, standards, and compliance*
 - *Acquisition strategies for cloud-based systems*
 - *Cloud computing economics*
 - *Cloud performance management*

Agenda



Title	Presenter	Organization
Introduction	Ramesh Rangachar	The Aerospace Corporation
ESOC's Successes, Complications and Opportunities in using Cloud Computing and Big Data Technology	James Eggleston	ESA/ESOC
Cloud-Enabled Architecture for the NESDIS Ground Enterprise	Kathryn Shontz	NOAA/NESDIS
Embracing Chaos	Onik Quddus	Booz Allen Hamilton
NOAA/NESDIS Enterprise Data Management (EDM) and Enterprise Product Generation (EPG) Proving Ground in the AWS Cloud	Rich Baker	Solers, Inc.
Real-Time Data Fanout in the Cloud	Jake Albrecht	The Aerospace Corporation
Town Hall Meeting: Moderated discussion on key focus areas		