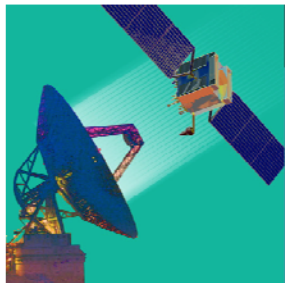


# Working Group Preview

## Ground System Architectures Workshop

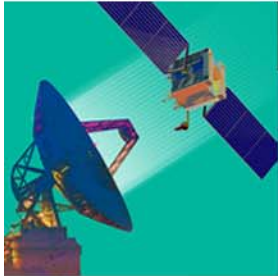


Session 11A

Challenges and Experiences of Adopting Agile  
Ground Software Development

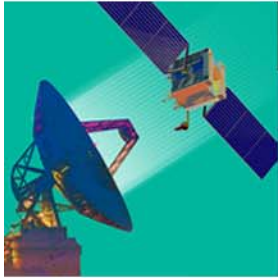
*Supannika Mobasser and Steve Rosemergy,  
The Aerospace Corporation*

# Ground System Architectures Workshop



## Overview

- *To embrace the rapid rate of change in ground software system development, it is crucial to be flexible, resilient, and robust. May be we should use Agile, but .....*
- ***Would **Agile** be a good fit for large scale mission-critical programs?***
- ***How do we know whether we should use **Agile**?***
- ***Should we use **Agile** as it is used in the small scale commercial software-intensive development projects?***
- ***How should we tailor the process so that it is still **Agile** but also be compliant with government regulations?***
- ***What to do with the contract and plan-driven processes?***



## Agile and Rapid Rate of Change

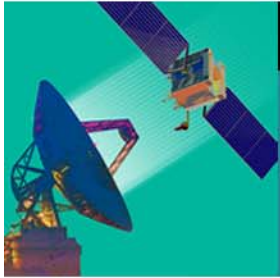
### **Agile : Embracing the rapid rate of change**

- Welcome changing requirements
- Quick turnaround time
- No big design up front
- Just in time and just enough

### **But**

- Difficult things take a long time; impossible things, a little longer
- Too large to move fast
- But the processes and regulations require .....
- May be we just have to be agile, but not do Agile.

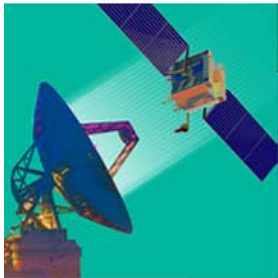
# Ground System Architectures Workshop



## Session Goal

- Provide an opportunity for agile practitioners to share their experiences and learn from others
- Working group format
  - Presentations followed by Interactive discussions
  - Open discussion
- Contributors
  - Participants with all levels of agile expertise are welcome

# Ground System Architectures Workshop



## Schedule

Time	Presentation and Discussion
1:00 – 1:30pm	Session Overview
1:30 – 2:15pm	“Agile Contracts”, Larri Rosser, Raytheon
2:15 – 3:00pm	“Embracing Change to Overcome Challenges with Large-Scale Agile Software Development”, Steve Rosemergy, The Aerospace Corporation
3:00 – 3:30pm	Break
3:30 – 4:15pm	“Agile Fit Check”, Sue Mobasser, The Aerospace Corporation
4:15 – 5:00pm	General discussions <ul style="list-style-type: none"><li>- Pains, struggles, and barriers in adopting agile ground software development</li><li>- Failed Agile attempts</li><li>- Going forward, how to increase agility?</li></ul>