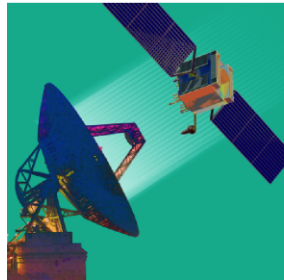


Ground System Architectures Workshop



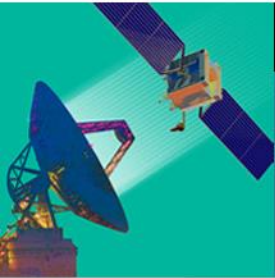
Session 11C

Lessons learned on Agile Ground Software
Development

Supannika Mobasser and Yogita Shah

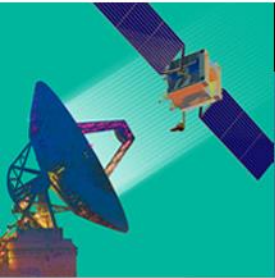
The Aerospace Corporation

supannika.k.mobasser@aero.org, yogita.t.shah@aero.org



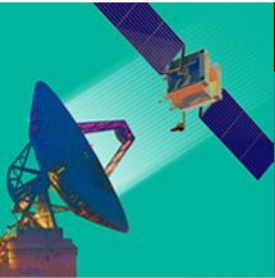
Contributors

- Alex Nguyen, Aerospace
- Anil Agarwal, Aerospace
- Ben Tatman, a.i. solutions
- Bill Possel, CU/LASP
- Daniel Richards, Raytheon
- Daniel Schwartz, SMC
- Dennis Rothenberger, SMC
- Filip Rysanek, Aerospace
- Gail Carr, Boeing
- Gary Marshall, Aerospace
- Hung Tang, Aerospace
- Linda Wilkinson, Boeing
- James Eggleston, ESA
- John Linn, Noblis
- Justin Raynor, NRO
- Mary Ann Lapham, SEI/CMU
- Michael Orsi, Boeing
- Nelson Lam, Aerospace
- Sue Mobasser, Aerospace
- Suzanne Miller, SEI/CMU
- Timothy Williams, Aerospace
- Vicente Navarro, ESA
- Yogita Shah, Aerospace



What did we do?

- **Informative, constructive, and fruitful** discussion on experiences, concerns, and lessons learned of the following agile-related topics
 - Schedules and milestone decisions
 - Interactions between contractors and government program offices
 - Requirements volatility and scope management
 - Metrics
 - Contract types
 - Source selection
 - Deliverables
 - Personnel turnover
 - Part time team member
 - Scalability

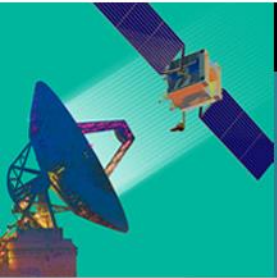


Outcomes

- Identified issues and questions regarding agile adoption
- Found the perfect answer for all of our questions

It depends !!

- Two problems have potential solutions, but still remain to be solved
 - Personnel turnover
 - Part-time team member
- Bigger impact in agile projects since we rely more on high collaboration and tacit knowledge



A big **THANK YOU** to all the
contributors,
we did a great job.