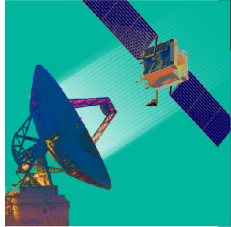


# Working Group Preview



## Ground System Architectures Workshop



Session 11D

### *Achieving a Smarter Ground Enterprise Through Model-Based Engineering*

Ryan Noguchi and Robert Pettit IV,  
The Aerospace Corporation

In this Working Group Session, we hope to foster a mutually beneficial discussion of the community's lessons learned and best practices in Model-Based Engineering (MBE). As in previous years, we plan to facilitate an open discussion of the issues and concerns of MBE to encourage broad participation from the assembled participants. We plan to open the session with a very brief presentation that sets the stage, but we have found that the discussion evolves on its own accord, leads the group in directions we can't predict in advance, and results in the beneficial emergence of insightful conclusions and the identification of key challenges and opportunities that face the community.

In keeping with this year's GSAW theme, we would like to focus the working group's discussions on how MBE can help enterprises to re-architect and re-engineer themselves to become smarter, more efficient, and more effective. We would like to share lessons learned from model-based engineering efforts, to understand how these modern methods and tools are able to improve organizations' ability to achieve agility, enable greater proactivity, and capitalize on advances being made in machine learning, intelligent systems, automation, and innovative accelerated development processes.