Highlights from this Meeting:

**SysML v2 Update & Demo** – S Friedenthal, E Seidewitz, M Bajaj
- Language updates (interactions, stakeholder & concerns, feature paths & dot notation, enhanced individual modeling)
- API updates (Updates to branching, OSLC PSM and pilot implementation, and conformance testing)
- Revised submission for August, 2021

**Building a digital thread with SysML v2** - M Bajaj and Anya Sharma, Intercax
- Digital thread is the connection between different kinds of models and data repositories across the lifecycle
- Example: SysML v2 requirements and architecture, JIRA issues, HW Bill of Materials, SW components, SW build artifacts
- Enables change impact assessment, synchronization, report generation
- Syndeia captures digital thread as a graph
- Manages inter-model links
Systems Engineering DSIG

- Highlights from this Meeting (cont.):

Integrated SE-ModSim for Advanced Driver Assist Systems - Chris Davey
  - Growing complexity of autonomous electric vehicles
  - Ensure safety, comfort, and predictability in a complex environment
  - MBSE integrated with Mod Sim and advanced visualization essential to manage complexity and provide agile response to new features

Key Parameter Development & Management (KPD&M) – Rob Hendrickson
  - US Army Armament Center approach to systems engineering
  - Understand parameters that impact performance
  - Understand noise factors
  - Optimize design for robustness
  - Success and challenges with MBSE