• **Highlights / presentations from this Meeting:**
  
  – Product Knowledge Framework (PKF) RFI (William Beavin, BOEING)
  
  – MBSE – Why Model Management Matters (Christian Muggeo, CONTACT Software)
    http://doc.omg.org/mantis/2019-06-02
  
  – Research Project GENIAL: SysML as core component of a knowledge-based platform supporting roadmapping in the early phases of integrated microelectronic innovation processes in the automotive industry (Damun Mollahassani, University of Kaiserslautern, VPE)
  
  – SENSR - Simple Electronic Notation for Sensor Reporting initial RFP submission presentation (Jason Smith, Elemental Reasoning)
  
  – prostep ivip SysML Workflow Forum - status and future plans (Veronica Haber, prostep ivip)
• **Highlights / presentations from this Meeting:**
  
  – GfSE SysML Industrialization (SMInd) status and update (Uwe Kaufmann, GfSE)
  
  – Exchange and Harmonize SysML Models with SpecIF (Oskar von Dungern, Adessso)
  
  – Model interchange – needs Diff and Merge capabilities! (Daniel Siegl, LieberLieber)
  
  – Ideas and requirements for RFP/RFI on Model Interchange beyond XMI (Uwe Kaufmann, GfSE)
  
  – Update on Productive 4.0 project and intro to Arrowhead Tools (Øystein Haugen, HIOF)
• **Deliverables from this Meeting:**
  – Technology Adoption Recommendation(s)
    • Simplified Electronic Notation for Sensor Reporting initial submission
      SENSR.xml (XMI)
      SENSR.mdzip (MagicDraw model)
  – RFP/RFI/RFC Recommendation(s) or Other Recommendation(s)
    • Product Knowledge Framework (PKF) RFI
      Response deadline: Nov. 11, 2019 (4week to Long Beach Mtg.)

• **Future Deliverables (In-Process):**
  – Technology Adoptions
    • N/A
  – RFP/RFI Recommended or Other Recommendations
    • N/A

• **Liaisons**
  –
Product Knowledge Framework (PKF)

**F1** Domain Specific Standards
- OMG MOF Based Standards (UML, SysML, etc.)
- W3C Standards (XML, RDF, OWL, SPIN, etc.)
- ISO/STEP Standards (AP232, AP239, AP242, etc.)
- Software Standards (Java, C#, etc.)
- Other...

**F2** Product Knowledge Base (PKB)
- **A** Product Knowledge Profiles (PKP)
  - Map Domain Specific Elements, Views, and Processes To and From the PKO
- **B** Product Knowledge Ontology (PKO)
  - 4D Ontology Capturing Concepts from IDEAS, UAF, etc., defines the PKB’s “Universe of Discourse”
- **C** Product Knowledge Views (PKV)
  - Zachman-Like Matrix of Views and Viewpoints with standard SPARQL Queries for each

**F3** Product Knowledge Services (PKS)
- Facilitate knowledge flow through PKVs to/from Product Knowledge in PKBs. Could include OSLC type services, sw/code generators/parsers to gen sw from PKB or update PKB from sw mods; and convert domain specific models to RDF/OWL.
• Agenda Items for the Next Meeting(s):
  – Model Integration & Interchange (MII) “beyond XMI” use cases and RFP preparation
  – Review responses to RFI for a "Product Knowledge Framework" (BOEING)
  – RFI / RFP on Production Logistics Modeling
  – Long Term / Reach out to
    • MIMOSA - Open Standards for Physical Asset Management
    • INCOSE DEIX WG (Digital Engineering Information Exchange) and other
    • Formal methods for digital master / digital twin representation and interlinking
    • Industrie 4.0, IIC
    • …