

## ManTIS DTF

- **Highlights from this Meeting:**

- Information Day on Model-Based Engineering, Automation and IoT in Smart Manufacturing

<http://www.omg.org/events/ca-17/special-events/Manufacturing-Day.htm>

- Report from GfSE PLM4MBSE WG (Uwe Kaufmann, ModelAlchemy; mantis/2017-12-01)
- Update on the SysML extension for physical interaction and signal flow simulation – SysPhS aka SysPISF RFC (Conrad Bock, NIST; mantis/2017-12-02)
- The Need for Data Lineage in Manufacturing (John C. Butler, Auxilium TG; mantis/2017-12-03)

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- **Highlights from this Meeting:**

- Problems with Using UML/SysML to Make an IDEAS/UAF Based Network Graph (William C. Beavin, Boeing; [mantis/2017-12-04](#))
- Status on work in ISO TC 184 SC4 Industrial Data and new SC4 subcommittee on digital manufacturing (Allison Barnard-Feeney, NIST; [mantis/2017-12-05](#))
- End User Testbed Opportunities from IIC (Erik Walenza, Smart Factory Task Group Chair, IIC ; [mantis/2017-12-06](#))
- PLM / MBSE Integration – update on POCs at AUDI's Systems Engineering Pilot Week (Christian Muggeo, ARAS; Lucas Kirsch, CONTACT SW; [mantis/2017-12-07](#))

- **Deliverables from this Meeting:**

- Technology Adoption Recommendation(s)
  - N/A
- RFP/RFI/RFC Recommendation(s) or Other Recommendation(s)
  - N/A

- **Future Deliverables (In-Process):**

- Technology Adoptions
  - N/A
- RFP/RFI Recommended or Other Recommendations
  - N/A

- **Liaisons**

- **GfSE (German chapter of INCOSE) PLM4MBSE WG**

## • Agenda Items for the Next Meeting:

- Continue work to establish a PLM-integrated MBSE / SysML Ecosystem
- Discuss “UAF Knowledge Base” jointly with UAF, ManTIS & Ontology
- Reach out to
  - INCOSE TIMLMWG (Tool Integration and Model Lifecycle Mgmt.)
  - MIMOSA - An Operations and Maintenance Information Open System Alliance
  - ISO TC 184 SC4 – re-initiate liaison relationship
  - Industrie 4.0
- Continue IIC Smart Factory Task Group collaboration
- Update on IoT in MBSE
- Long Term Archiving for (Systems) Engineering
- Traceability-Metamodel / -Ontology RFP