## INCOSE IW 2017 MBSE Workshop Cross Cut: SE Transformation & MBSE Initiative Activities and Meetings

| Start | End | MBSE Initiative & SE Transformation | Tool Integration and Lifecycle Management Working Group | Domain & Transformational Working Groups | Healthcare Working Group | Transformational Working Groups | System Science Working Group |
|---|---|---|---|---|---|---|---|
| | | **Saturday January 28, 2017** | | | | | |
| 08:00 | 10:00 | | | | | | |
| 10:00 | 10:30 | Break | | | | | |
| 10:30 | 11:00 | MBSE Initiative (Mark Sampson, Siemens) Salon E | | | | | |
| 11:00 | 12:00 | Invited Speaker: Robust Design and Process Effectiveness through Model-Based Methods (Casey Medina & Kristina Fuerst, Terumo Medical) Salon E | | | | | |
| 12:00 | 13:00 | Lunch | | | | | |
| 13:00 | 13:30 | Systems Engineering Transformation Strategic Objective (Troy Peterson, SSI) Salon E | TIMLM Opening Plenary (John Nallon & Lonnie VanZandt) Room Suite 1 | | | | |
| 13:30 | 14:15 | Invited Speaker: Digital Engineering, (Kristen Baldwin U.S. DoD DASD(SE)) Salon E | | | | | |
| 14:15 | 15:00 | Model-Centric Decision Making (Donna Rhodes, MIT) Salon E | | | | | |
| 15:00 | 15:30 | Break | | | | | |
| 15:30 | 16:15 | How is Model-based Systems Engineering Justified? (Ed Caroll, Sandia National Labs) Salon E | SAVI: Intermodel Error Checking and Consistency with Demo (Nigel Shaw, Eurostep) Room Suite 1 | | | | |
| 16:15 | 17:00 | Future Directions for SysML v2 (Sandy Friedenthal) Salon E | | | | | |
| 17:00 | 17:45 | MBSE & SysML Education (Russell Peak) Salon E | | | | | |
| 17:45 | 18:00 | MBSE Workshop Wrap up & Look ahead (Mark Sampson & Troy Peterson) Salon E | | | | | |
| 18:00 | 21:00 | | | | | | |
| | | **Sunday January 29, 2017** | | | | | |
| 08:00 | 09:00 | | | | | | |
| 09:00 | 09:30 | MBSE Initiative & SE Transformation (Mark Sampson, Siemens & Troy Peterson, SSI) Salon E | OSLC Core v3.0 Overview (Bill Chown, Mentor Graphics) Room Suite 1 | | Healthcare MBSE Challenge Team: MBSE applied to medical devices for risk management and compliance (Ajay Thukral) Room Salon F | | |
| 09:30 | 10:00 | Closing the Design Cycle Loop with Executable Requirements and OSLC (B. Sherman, P&G - H. Tummescheit, Modelon - J. Llorens, The Reuse Co.) Salon E | | | | | |
| 10:00 | 10:30 | Break | | | | | |
| 10:30 | 11:00 | JPL Model Based Systems Engineering Case Study (Chris Delp) Salon E | PDES/LOTAR MBSE Overview (Mark Williams & Nigel Shaw) Room Suite 1 | Patterns Working Group Meeting: Modeling Collaboration with Health, PLE, Agile, CIPR, TIMLCM, SSWG and SoS (Bill Schindel, ICTT System Sciences) Room Suite 9 | Healthcare MBSE Challenge Team: MBSE applied to medical devices for risk management and compliance (Ajay Thukral) Room Salon F | | |
| 11:00 | 11:30 | NASA Model-Based Systems Engineering Pathfinder 2016 Summary and Path Forward (K. Weiland & J. Holladay, NASA) Salon E | | | | | |
| 11:30 | 12:00 | ESA Euclid - Case Study (Jose Lorenzo, European Space Agency) Salon E | | | | | |
| 12:00 | 13:00 | Lunch | | | | | |
| 13:00 | 13:30 | Systems Engineering at Ford Motor Company Case Study (Christopher Davey, Ford Motor Company) Salon E | PDES SE Interoperability Project Case Study (John Russell) Room Suite 1 | DOD Digital Engineering / Digital System Model Work Shop (Phil Zimmerman - DoD DASD(SE)) Room Executive Suite 1735 | Healthcare MBSE Challenge Team: MBSE applied to capturing the clinical environment for medical devices (Ajay Thukral) Room Salon F | | |
| 13:30 | 14:00 | Model Based Engineering at Raytheon Case Study (Stephanie Chiesi, Raytheon) Salon E | | | | | |
| 14:00 | 14:30 | MBSE Ecosystem Overview (Lonnie VanZandt, Sodius) Salon E | | | | | |
| 14:30 | 15:00 | The intersection of PLM, MBSE, SMS: What's next (Don Tolle, CIMdata) Salon E | | | | | |
| 15:00 | 15:30 | Break | | | | | |
| 15:30 | 16:00 | ASME Standardizing V&V of Models (Joe Hightower, Boeing) Salon E | Roundtable: Boeing's Model Exchange Issues Using OMG Standards (Mark Williams, Brittany Freidland, John Harold) Room Suite 1 | Decision Analysis WG: Panel Discussion, Briefing on how models support decision analysis (Frank Salvatore, Engility & Tracee Gilbert, System Innovation) Room Executive Suite 1619 | Healthcare MBSE Challenge Team: MBSE applied to capturing the clinical environment for medical devices (Ajay Thukral) Room Salon F | | |
| 16:00 | 16:30 | An Overview of Systems Analysis Integration at NIST (Conrad Bock, NIST) Salon E | | | | | |
| 16:30 | 17:00 | NAFEMS - INCOSE Collaboration, Status and Outcomes (Roger Burkhart, John Deere) Salon E | | | | | |
| 17:00 | 17:30 | ASSESS Initiative Overview (Joe Walsh, intrinSIM) Salon E | | | | | |
| 17:30 | 18:30 | MBSE Reception Zen Garden | | | | | |
| 18:30 | 21:00 | | | | | | |

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| | Start | End | MBSE Initiative & SE Transformation | Tool Integration and Lifecycle Management Working Group | | Domain & Transformational Working Groups | Healthcare Working Group | Transformational Working Groups | System Science Working Group |
|---|---|---|---|---|---|---|---|---|---|
| **Monday** January 30, 2017 | 08:00 | 09:00 | | | | | | | |
| | 09:00 | 09:15 | NAFEMS-INCOSE Systems Modeling and Simulation WG (Roger Burkhart - John Deere) **Room Salon C** | TIMLM WG Review and Workshop Look Ahead Plenary (John Nallon & Lonnie VanZandt) **Room Salon F** | | Decision Analysis WG: DoD/AF Digital Engineering/Digital Thread Workshop (Phil Zimmerman, DOD DASD(SE), Pamela Kobryn, USAF AFMC AFRL/RQVS) **Room Executive Suite 1634** | Healthcare MBSE Challenge Team: Systems engineering framework for small project development teams (small or large business) in medical device technology (Ajay Thukral) **Room Salon G** | Patterns Working Group Meeting: Modeling Collaboration with other WGs: Health, PLE, Agile, TIMLCM, CIPR, SoS and others (Bill Schindel, ICTT System Sciences) **Room Suite 8** | Systems Science Working Group: Scientific General Systems Principles (David Rousseau) **Room Suite 10** |
| | 09:15 | 09:30 | | | | | | | |
| | 09:30 | 10:00 | | | | | | | |
| | 10:00 | 10:30 | Break | | | | | | |
| | 10:30 | 11:00 | NAFEMS-INCOSE Systems Modeling and Simulation WG (Roger Burkhart - John Deere) **Room Salon C** | ISO 19450 Object Process Methodology – MBSE Building Blocks (Dov Dori) **Room Suite 2** | Ap233/Ap239/Ap242/MoSSeC Standards Update (Nigel Shaw) **Room Salon F** | Decision Analysis WG: DoD/AF Digital Engineering/Digital Thread Workshop (Phil Zimmerman, DOD DASD(SE), Pamela Kobryn, USAF AFMC AFRL/RQVS) **Room Executive Suite 1634** | Healthcare MBSE Challenge Team: Systems engineering framework for small project development teams (small or large business) in medical device technology (Ajay Thukral) **Room Salon G** | Patterns/System Science Working Group Collaboration: Overview of PBSE as a basis for System Science (Bill Schindel & James Martin) **Room Suite 8** | Systems Science Working Group: Pattern Based SE Overview (Bill Schindel) **Room Suite 10** |
| | 11:00 | 11:30 | | | | | | Patterns Working Group: 4 Configs of the Agile Pattern for ASLCM Clinic Sites (Bill Schindel & Rick Dove) **Room Suite 8** | Systems Science Working Group: Systems Processes Theory (SPT) Overview (Len Troncale) **Room Suite 10** |
| | 11:30 | 12:00 | | | | | | | |
| | 12:00 | 13:00 | Lunch | | | | | | Lunch 12:30 - 13:30 |
| | 13:00 | 13:30 | Ontology Working Group (Juan Llorens) **Room Suite 6** | Concept Models for Collaborative and Cooperative Engineering (Lonnie VanZandt, Donna Rhodes, Bill Schindel) **Room Salon F** | | DOD Digital Engineering Wrap-Up (Phil Zimmerman, DoD DASD(SE)) **Room Suite 8** | | | Systems Science Working Group: Schemas & Category Theory Overview (Kent Palmer) **Room Suite 10** |
| | 13:30 | 14:00 | | | | | | | |
| | 14:00 | 14:30 | | | | Space Systems Working Group: CubeSat Reference Model Project (Dave Kaslow) **Room Suite 2** | | | System Science Working Group Exploring Relationships and Opportunities Discussion **Room Suite 10** |
| | 14:30 | 15:00 | | | | | | | |
| | 15:00 | 15:30 | Break | | | | | | |
| | 15:30 | 16:00 | SE Transformation Working Session (Troy Peterson) **Room Suite 5** | TIIMMLM Workshop on Concept Model for Collaborative and Cooperative Engineering (VanZandt, Rhodes, Schindel) **Room Salon F** | | | | | System Science Working Group Exploring Relationships and Opportunities Discussion **Room Suite 10** |
| | 16:00 | 16:30 | | | | | | | |
| | 16:30 | 17:00 | | | | | | | |
| | 17:00 | 17:30 | | | | | | | Systems Science WG and Ontologies WG Collaboration : Systems Ontology & Language (George Mobus, Juan Llorens) **Room Suite 10** |
| | 17:30 | 18:00 | | | | | | | |
| | 18:00 | 21:00 | | | | | | | |
| **Tuesday** January 31, 2017 | 07:00 | 08:00 | | | | | | | |
| | 08:00 | 09:00 | SE Transformation Working Session (Troy Peterson) **Room Salon C** | INCOSE IS2017 TIMLM WG Panel Planning (Lonnie VanZandt) **Room Salon F** | | | | Modeling & Simulation Interoperability (MSI) Challenge Team - MBX Ecosystems Workshop (Russell Peak, GT) **Room Suite 6** | |
| | 09:00 | 10:00 | | | | | | | |
| | 10:00 | 10:30 | | | | | | | |
| | 10:30 | 11:00 | Transformation Working Session Prepare for Outbrief (Troy Peterson) **Room Salon C** | TIMLM WG Web Site and Connect Site Training and Closing Plenary (John Nallon, Lonnie VanZandt) **Room Salon F** | | | | Modeling & Simulation Interoperability (MSI) Challenge Team - MBX Ecosystems Workshop (Russell Peak, GT) **Room Suite 6** | |
| | 11:00 | 11:30 | | | | | | | |
| | 11:30 | 12:00 | | | | | | | |
| | 12:00 | 13:00 | | | | | | | |
| | 13:00 | 14:00 | MBSE Workshop Outbriefs (Troy Peterson, INCOSE) **Salon E** | IW2017 Wrap-Up and Quad Chart Finalization (John Nallon & Lonnie VanZandt) **Room Salon F** | | | | Model-based Conceptual Design Working Session (Mike Vinarcik, Booz Allen) **Room Executive Suite 1634** | |
| | 14:00 | 14:30 | | | | | | | |
| | 14:30 | 15:00 | | | | | | | |
| | 15:00 | 16:00 | IW Closing Plenary **Room Salon D** | | | | | | |
| | 16:00 | 18:30 | | | | | | | |