

2017 GPDIS Agenda - FINAL 09/15/17

Summit Begins - Monday - 09/18/2017

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|--------------------|--|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| 8:00 AM - 5:00 PM | Registration - Sonoran Sky Ballroom | | | | | | | | | | | | | | |
| 1:00 - 4:00 PM | MBSE and Evaluating a Data Interoperability Ecosystem - Workshop (Open / Maximum Attendees 150) GPDIS Registration Required Mark Williams/Gregory Pollari Arizona Grand Ballroom A-D (Eucalyptus Entrance) | No Sessions | No Sessions | No Sessions | No Sessions | No Sessions | No Sessions | No Sessions | No Sessions | No Sessions | No Sessions | No Sessions | No Sessions | No Sessions | No Sessions |
| 4:30 - 4:40 PM | GPDIS Kickoff at Arizona Grand Ballroom A-E&H (Eucalyptus Entrance) | | | | | | | | | | | | | | |
| 4:40 - 5:50 PM | David Bernert, Senior Director, Enterprise Architecture - The Boeing Company Interoperability Challenges and the Industry Response Arizona Grand Ballroom A-E&H (Eucalyptus Entrance) | | | | | | | | | | | | | | |
| 6:00 PM - 8:30 PM | Vendor Fair at Arizona Grand Ballroom (F,G,I&J) - Buffet (Foxtail & Goldwater Entrances) | | | | | | | | | | | | | | |
| 8:30 PM - 11:00 PM | After Hour Networking (Optional) - The Vista | | | | | | | | | | | | | | |

Tuesday - 09/19/2017

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|---------------|--|--------------|--|--|-------------------|---|-----------------------------------|-------------------|--|--|------------------|--|--|----------------------------|--|---|
| 6:30 - 5:00 | Registration - All Day - Sonoran Sky Ballroom | | | | | | | | | | | | | | | |
| 6:30 - 8:00 | Breakfast - Palm Court | | | | | | | | | | | | | | | |
| 8:00 - 8:40 | Keynote Speaker Curtis Carson, Head of Manufacturing Digitalization - Airbus The "Digital Factory" Arizona Grand Ballroom A-E&H (Eucalyptus Entrance) | | | | | | | | | | | | | | | |
| 8:50 - 9:30 | Hubertus Tummescheit | Modelon Inc. | The Functional Mockup Interface: Innovation Through Open Standards | Chris Borneman, CTO | Software AG | Securing the Digital Thread in Connected Manufacturing | Yong Gao, Computing Architect | Boeing Co. | Web Service Development Framework and API Management | Sean Webster, Software Development Analyst | Northrop Grumman | Lessons learned working in an Agile environment. | Dan Ganser, PLM Staff Scientist | Gulfstream Aerospace | Gulfstream & Dassault Systems | Gulfstream Simplifies Type Certificate and with the 3DEXPERIENCE Platform |
| 9:30 - 9:50 | Break - Beverage Service - 1st level, Ballroom Foyer (by registration) & 2nd level-Sunset Patio (by Mesquite/Noble) | | | | | | | | | | | | | | | |
| 9:50 - 10:30 | Marc Lind | Aras | Necessity of the Digital Twin & Digital Thread | Asa Trainer, VP of Product Operations, C3I | ITI | Standards Based Interoperability for Design to Manufacturing and Quality in the Supply Chain - Part 2 | Jeffery Jensen, Sr. PLM Architect | Boeing Co. | Search PDM | Alex Rottier, Chief Architect | Northrop Grumman | ISEE - Integrated Software Engineering Environment | Jesse Zahner, Graduate Assistant and Thomas Hedberg, Research Engineer | Purdue University and NIST | Towards a Complete Model Based Definition | |
| 10:40 - 11:20 | Patricia Florissi | Dell | Federated Analytics in the Dawn of the Digital Era | David Odendahl, Associate Technical Fellow | Boeing Co. | The Digital Thread in Reality | Mark Davey | Theorem Solutions | The Democratization Of Digital Reality | James Brooks, Software Dev. Analyst | Northrop Grumman | Using TFS DevOPS to Automate Northrop Grumman Software Development | Sean Callahan, Technical Fellow | Boeing Co. | Enabling design reuse for a complete digital thread | |
| 11:30 - 12:10 | Brian Schouten | PROSTEP INC | Successfully Integrating MBS Data Without Replication Using OSLC | Guillaume Vendrou, CEO, DELMIA | Dassault Systemes | 3DEXPERIENCE® Platform for Manufacturing 4.0 | Lou Pascarella, CTO Geometric PLM | HCL Technologies | Digital Thread Enabled Through Semantic Approach | Harv Hennington, Solutions Architect | Boeing Co. | IT Service Management Using TFS | Kenneth Swope, Senior Manager | Boeing Co. | PLM A&D Action Group Multi-View Bill of Materials Development and Status | |
| 12:10 - 2:00 | Lunch and Vendor Fair at Arizona Grand Ballroom (F,G,I&J) | | | | | | | | | | | | | | | |
| 2:00 - 2:40 | Keynote Speaker Jason Hatakeyama, Chief Architect and Director PLM - The Boeing Company Model-Based Engineering and Cyber-Physical Systems Arizona Grand Ballroom A-E&H (Eucalyptus Entrance) | | | | | | | | | | | | | | | |

| | Model Based Systems Engineering & Analysis (Open) | | | Computer Aided Manufacturing & Supply Chain (Open) | | | Emergent Technology (Open) | | | Product Delivery, Support, Test & Validation (Open) | | | Model Based Definition (Open) | | |
|-------------------------------|---|---------------------------------|---|--|--------------------------|--|---|----------------------|--|---|------------------|---|--|------------------|--|
| | Mark Williams/Greg Pollari | | | Amanda Novak/Sergio Cortez | | | Robert Rencher/Dave Nelson | | | Tom Dressler/Kim J. Wennes | | | John Mimms/Brandon Sapp | | |
| | Mesquite (Entrance Sunset Patio) | | | Sierra 1 | | | Sierra 2 & 3 | | | Ocotillo A | | | Noble (Entrance Sunset Patio) | | |
| 2:50 - 3:30 | Jace Allen | dSPACE, Inc. | Managing the Testing and Workflows with MBD Systems | Tom Hoffman, Sr. Enterprise Engineer R&D | Siemens | Industrialized Additive Manufacturing and Importance of Standardization | Martin Feyereisen, HPC Technologist | Dell | Driving Virtual Product Development in Industry 4.0 | Ryan Tracy, Validation and Test Service Lead | Boeing Co. | Testing For The Next Century | Doug Renwick and Kelli Hosier | Northrop Grumman | Improved Interoperability between MCAD and ECAD Design Tools |
| 3:30 - 3:50 | Break - Beverage Service - 1st level, Ballroom Foyer (by registration) & 2nd level-Sunset Patio (by Mesquite/Noble) | | | | | | | | | | | | | | |
| 3:50 - 4:30 | Rajesh Chandra | Northrop Grumman | Requirements Modeling of Embedded System | Shantanu Rai, Global Director- PLM and Digital Manufacturing | HCL Technologies | Connected Factory and Digital Manufacturing: A Competitive Advantage | Stephen Collins, CEO | Anark | Connecting the Digital-Thread – The Right Data to the Right Place at the Right Time | Moni Gmitro, User Experience Specialist | Boeing Co. | Adopting User Experience in An Agile Environment | Amanda Bligh, Solution Architect/Principi Consulting Engineer | aPriori | Including Cost in the Design Optimization and Simulation during Early Design |
| 4:40 - 5:20 | Christian Heck | Siemens PLM | Transform Production Systems Engineering to Realize the Smart Factory | Matt Thorn Product Manager | Autodesk | Product Data Interoperability using Database-centric Production Control Systems | Sanjeev Tamboli, CTO | eQ Technologic, Inc. | Managing PLM Obsolescence | Knut Stettinisch, Account Executive and James Goodale: Business Development | TechniaTranscat | Enterprise Wide 3D Data Exchange | | | |
| 5:30 - 7:30 | Vendor Fair at Arizona Grand Ballroom (F,G,I&J) - Strolling Buffet | | | | | | | | | | | | | | |
| 7:30 PM - 11:00 PM | After Hour Networking (Optional) - The Vista | | | | | | | | | | | | | | |
| Wednesday - 09/20/2017 | | | | | | | | | | | | | | | |
| 6:30 - 12:00 | Registration - Half Day - Sonoran Sky Ballroom | | | | | | | | | | | | | | |
| 6:30 - 8:00 | Breakfast - Palm Court | | | | | | | | | | | | | | |
| | Model Based Systems Engineering & Analysis (Open) | | | Computer Aided Manufacturing & Supply Chain (Open) | | | Emergent Technology (Open) | | | Product Delivery, Support, Test & Validation (Open) | | | Model Based Definition (Open) | | |
| | Mark Williams/Greg Pollari | | | Amanda Novak/Sergio Cortez | | | Robert Rencher/Dave Nelson | | | Tom Dressler/Kim J. Wennes | | | John Mimms/Brandon Sapp | | |
| | Mesquite (Entrance Sunset Patio) | | | Sierra 1 | | | Sierra 2 & 3 | | | Ocotillo A | | | Noble (Entrance Sunset Patio) | | |
| 8:00 - 8:40 | Keynote Speaker Thomas Hedberg, Jr., P.E., M.E., Engineering Laboratory - National Institute of Standards and Technology (NIST) Engineering a \$100B Paradigm Shift: Economic and System Drivers to Interoperability Innovation Arizona Grand Ballroom A-E&H (Eucalyptus Entrance) | | | | | | | | | | | | | | |
| 8:50 - 9:30 | George Thiers, Leon McGinnis | Georgia Institute of Technology | Model-Based Systems Engineering for Aerospace Manufacturing | Dominic Gallelo, President & CEO | MSC Software Corporation | Additive Manufacturing - From Trial and Error to a Standard Industrial Process | Danielle Williams, Customer Engagement Specialist & Nate Soulej, Application Support Specialist | Elysium Inc. | Optimizing Point Cloud Data for the 3D Digitalization of the Physical World | Madeline Salazar, Manufacturing Engineer | Northrop Grumman | An IoT Enabled Factory: Asset Management and Improved Shop Floor Visibility | Nigel Shaw, Managing Director | Eurostep | Data Sharing using PLCs - enabling the Digital Thread through life |
| 9:30 - 9:50 | Break - Beverage Service - 1st level, Ballroom Foyer (by registration) & 2nd level-Sunset Patio (by Mesquite/Noble) | | | | | | | | | | | | | | |
| 9:50 - 10:30 | Neil Lichty | Boeing Co | Requirements Modeling of Embedded Systems | No Sessions | | | Alessandra McGinnis, Product Manager of Additive, Cutting & Composites Mfg | Autodesk | Hybrid Manufacturing: Opportunities & Challenges with Additive & Subtractive Manufacturing | Jamie Kessel, Technical Architect | Boeing Co. | From Source to Target - Support Data for Airline Customers | CAD Validation Roundtable | | |
| 10:40 - 11:20 | Bill Chown, Product Line Director & Patrick O'Heron - Simcenter Manager | Siemens | Aerospace Product Engineering and Verification: The Digital Twin & Digital Thread | Tim Wormus, RVP Americas Presales, MindSphere | Siemens | Impact of Cloud-based, Big Data Analytics and IoT on Computer Aided Manufacturing and Supply Chain | Magnus Firneland, Director Software Products | Eurostep AB | A framework used to bridge between the language of business and PLCs | Ian Boulton, Sales Business Transformation Manager | PTC | Military Supply Chains in a Connected World | Annalise Suzuki, Director of Technology & Engagement Elysium, Inc. Brandon Sapp, Engineering Specialist, MBD Boeing Co. | | |
| 11:30 - 12:20 | Digital Twin Threading in an Open-source & Open Standards Global Ecosystem Panel Discussion - Panel Discussion Nate Nalven, Northrop Grumman Sheila K. Ambruster, The Boeing Co Thomas Hedberg, Jr., NIST Jason Hatakeyama, The Boeing Co. Bob Deragisch, Parker Hannifin Corporation Arizona Grand Ballroom A-E&H (Eucalyptus Entrance) | | | | | | | | | | | | | | |
| 12:20 - 1:30 | Lunch at Arizona Grand Ballroom (F,G,I&J) | | | | | | | | | | | | | | |

8:00 PM - 11:00 PM

After Hour Networking (Optional) - The Vista