

# 2018 GPDIS Agenda - FINAL

## Summit Begins - Monday - 09/17/2018

8:00 AM - 5:00 PM	Registration - ANASAZI Lobby														
1:00 - 1:10-PM	GPDIS Kickoff - GPDIS Kickoff (Welcome/Introduction) HOHOKAM Ballroom														
1:10 - 2:00 PM	Opening Keynote Col Paul Harmer, Deputy Director of Engineering, USAF, HQ AF Material Command & Dr. Paul Hartman Air Force Digital Enterprise HOHOKAM Ballroom														
2:00 - 2:20 PM	Break - Beverage Service - Apache Veranda (3rd Fl) and Saguaro/Cholla (3rd Fl)														
	Model Based Systems Engineering & Analysis <i>(Open)</i>			Computer Aided Manufacturing & Supply Chain <i>(Open)</i>			Emergent Technology <i>(Open)</i>			Product Delivery, Support, Test & Validation <i>(Open)</i>			Model Based Definition <i>(Open)</i>		
	Mark Williams/Greg Pollari			Amanda Novak/Sergio Cortez			Robert Rencher/Dave Nelson			Tom Dressler/Ryan M. Tracy			John Mimmis/Brandon Sapp		
	Cochise			Palo Verde			Geronimo			Yucca			Saguaro/Cholla		
2:20 - 3:00 PM	Henrik Weimer, PLM Architecture, Innovation & Plan and Steven Vettermann, Manager Japan & Openness	Airbus & Prostep VIP	Industrial Collaboration to Unlock MBSE Based on Standards	Lou Pascarella, CTO of GeometricPLM	HCL Technologies Ltd	Increasing Supply Chain Visibility By Extending Digital Thread For Edge Services	Nathan Christensen & Nathan Holyoak	Northrop Grumman	Affordable Virtual Reality on Next Generation Launch Systems	Michel Gadbois, VP Industry Solutions	iBASET	The Digital Thread Beyond (Product Engineering) and Back	Jim Merry & Asa Trainer	Anark and ITI	NAVAIR Project
3:10 - 3:50 PM	Adrian Murton, Modelling & Simulation Expert	Airbus	Using MoSSEC to Exploit Modeling & Simulation Context Data For Overall Aircraft Design	Anthony Nicoli, Director Aerospace	Siemens /Mentor	Reducing EWIW Manufacturing Cost & Risk via The Digital Thread	Jason Wilson, Senior Director of North America, No Magic	Dassault Systemes	Systems Engineering Helps Manage Complexity	Rob Donath, Sr. Technical Specialist	Dassault Systemes	Accelerate Transformation Across the Product Lifecycle via AI and Semantics	Nathan Holyoak; PLM Strategy	Northrop Grumman	The Evolving Role of MBD at Northrop Grumman Innovation Systems
4:00 - 4:40 PM	Rachel Knutson, Sr Field Application Engineer	ANSYS, Inc.	Better Defined Software Requirements with Model-based Systems Engineering, Functional Safety	Kenneth Swope, Senior Manager	The Boeing Company	Value Driven Sharing of 3D Data using PDF and STEP	Chris Stecki, CEO	PHM Technology & Siemens PLM	Synchronous Safety Certification	Zachary Etier & Blaine Baker	Northrop Grumman	Additive Manufacturing Challenges With Parts That Fly In Space: Demo!	Ram Eswaran, CTO and Andre Beaupre, GM Sales	Kubotek3D	An Independent Development Framework Compatible with Major CAD Database
4:50 - 5:30PM	Marc Lind, SVP Strategy & Malcolm Panthaki	Aras	Intelligent Simulation Automation Requires a Solid SPDM Foundation	Gregory A. Harris, Ph.D.; Associate Professor, Industrial & Systems Engineering	Auburn University & Rockwell Collins	Digitally Enabling Supply Chain Integrating Existing Tools Capabilities Guide Application	Germer Nikol, Director of Visualization Technologies	Kisters	Ultra Large Model Visualization & IP Protection				Mark Teneyck, CATIA and Etienne Ardouin, CATIA Technical Expert	Dassault Systemes	Dramatically Improve Product Development And Production Planning
6:00 PM - 8:30 PM	Vendor Fair at Location - ANASAZI Ballroom														
<b>Tuesday - 09/18/2018</b>															
6:30 AM - 5:00 PM	Registration - ANASAZI Lobby														
6:30 - 8:00 AM	Breakfast - ANASAZI Courtyard														
8:00 - 8:40	Christian Orlowski, Director Information Technology - Northrop Grumman A Systems Engineering Perspective on the Digital Enterprise HOHOKAM Ballroom														
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	Cochise			Palo Verde			Geronimo			Yucca			Saguaro/Cholla		
8:50 - 9:30	Daniel Seal, Senior Manager, PLM	The Boeing Company	The System Engineering "V" - Is It Still Relevant In the Digital Age?	Mark TenEyck, Senior Consultant & David Dellinger	Dassault Systemes & Texro Aviation	3D Web Player	Robert Rencher, Sr. Systems Engineer	The Boeing Company	Progressive Technology Disintermediation	Vinod Subramanian, Digital Transformation Manager & Saravanan Kattabomman, Senior Product Manager-DTE	The Boeing Company	Product Management at a large enterprise with a vast geographic spread	Cristina Martinez, PLM Configuration Analyst	Gulfstream Aerospace	Parallel geometry validation: A methodology to support aircraft type certification of Model based Designs
9:30 - 9:50	Break - Beverage Service - Apache Veranda (3rd Fl) and Saguaro/Cholla (3rd Fl)														

	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)		
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9:50 - 10:30	Neil Lichty	The Boeing Company	Enabling Quality Supplier Requirement Development & Requirements Exchange Supporting MBSE	Douglas Genord, Technical Fellow	The Boeing Company	Nominal is Not Adequate - Trends in Factory Automation	Danielle Perelli & Brad Pugh	Elysium Inc.	Advancing Point Clouds for VR and Beyond	Wesley Saunders, Senior Software Developer	The Boeing Company	Culture Change Through Extreme Programming	Jean-Yves DELAUNAY	Airbus	Use of STEP AP242 in the European A&D Industries: Benefits, Related Standards and Future Perspectives
10:40 - 11:20	Annelisa Sturgeon, Process Engineer & Aleksander Przybylo, Process Engineer	The Boeing Company	Querying Large SysML Models	Benjamin Naylor, Manufacturing Engineer	The Boeing Company	Value Driven Engineering Data Analytics and Audit System	Trevor Leeson, Principal Technical Consultant	Theorem Solutions	Exploiting CAD & PLM Assets as a Digital Twin	David Votaw, Developer	Northrop Grumman	Increased Quality with DevOps	Melissa Harvey; Product Data Management Specialist	The Boeing Company	Model Based Definition and Minimum Digital Thread
11:30 - 12:10	Tamara Hambrick	Northrop Grumman	Application of MBSE in a Agile Development	Ian Boulton	PTC	Extending the Digital Thread Into Additive Manufacturing	Dinesh Khaladkar, President & CEO	eQ Technologic, Inc.	Digital Backbone for the Enterprise enabling Digital Transformation	Sumonthip Gmitro, Product Designer & Austin Regnery	The Boeing Company	Application Of UCD Methodology To COTS Products	Aleksander Przybylo, Process Engineer	The Boeing Company	PLM Action Group Multiview BOM progress report out
12:10 - 2:00	<b>Lunch and Vendor Fair - ANASAZI Ballroom</b>														
2:00 - 2:40	<b>Gregory A. Harris, Ph.D - Auburn University, Associate Professor, Industrial &amp; Systems Engineering</b> <b>Issues to Overcome to Implement a Digitally Enabled Environment for Product Realization</b> <b>HOHOKAM Ballroom</b>														
2:50 - 3:30	Paul Nelson, Fellow, PLM Discipline	Northrop Grumman	MBSE at Northrop Grumman	Mark Hennebicque, Business Line Manager	Autodesk Inc.	Design to Manufacturing: The Future of Making	Terrence James McGowan	The Boeing Company	Industrializing the Additive Manufacturing Valuestream - Exploiting disruption to drive the "art of the possible"	Jaime Kessel, Technical Architect	The Boeing Company	ABCs of Building a Mobile Application	Annalise Suzuki	Elysium	MBE Starts with Interoperability
3:30 - 3:50	<b>Break - Beverage Service - Apache Veranda (3rd Fl) and Saguaro/Cholla (3rd Fl)</b>														
3:50 - 4:30	Tony Davenport, NA Regional Manager & Joshua Edwards, Application Engineer	Phoenix Integration	Tradespace Exploration of MBSE and MBE Integrated Workflows	Nate Nalven, Director Customer Relations	eQ Technologic Inc.	For Purpose Apps Powered by eQube A Day in Life - Live demo	John Glatfelter, Technical Fellow	The Boeing Company	Using Low-Fidelity Digital Twins for High Speed Analysis	Tom Dressler/ Ryan M. Tracy	Northrop Grumman & The Boeing Company	Panel Discussion: Moving at Agile Speed While Ensuring Compliance	Sunil Elanayar, Manager MBE Services & Phillip Austin, Software Developer	The Boeing Company	Deep Learning in MBD / MBE
4:40 - 5:20	John Sperling, VP Product Management	Aras	Enhancing Automated Trade Studies Using MBSE, SysML and PLM	Stephen Collins, CEO and James Martin, Director of Marketing	Anark	Technical Enterprise Content Management & Visual Collaboration							Jennifer Herron	Action Engineering	Moving MBD from OEM to Supplier: Is there a Ringmaster Somewhere in This Circus?
5:30 - 7:30	<b>Vendor Fair at ANASAZI Ballroom</b>														
<b>Wednesday - 09/19/2018</b>															
6:30 - 12:00	<b>Registration - Half Day - ANASAZI Lobby</b>														
6:30 - 8:00	<b>Breakfast - ANASAZI Courtyard</b>														
8:00 - 11:00 AM	<b>MBSE - Workshop</b> (Open / Maximum Attendees 125) GPDIS Registration Required  Mark Williams/Gregory Pollari  Cochise			Vendor Expo Open			<b>Emergent Technology Workshop</b> (Open / Maximum Attendees 120) GPDIS Registration Required  Robert Rencher/Dave Nelson  Geronimo			Vendor Expo Open			Vendor Expo Open		
11:10 - 1:00 PM	<b>Lunch and Vendor Fair - ANASAZI Ballroom</b>														
<b>Wednesday - 09/19/2018</b>															
<b>Summit Ends</b>															