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Siemens PLM Software

2017 Digital Twin Summit

August 15, 2017 – Chicago, IL

plm.automation.siemens.com/country/en-us/topic/digital-twin-summit-2017/6913/index.html

2017 Digital Twin Summit

Tuesday, August 15, 2017

Agenda

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|------------------|--|
| 8:00-9:00 a.m. | Breakfast/Registration |
| 9:10-9:30 a.m. | Digital Twin: Introduction, overview of Siemens PL and the importance of the Digital Twin
<i>Chris Stevens & Barry Chapman, Vice President, Aerospace and Defense Industry, Siemens PLM Software</i> |
| 9:30-10:00 a.m. | Industry perspective : What synergies exist between the automotive and aerospace industries that the Digital Twin weaves?
<i>Gutmann (or Riemer & Lauzen)</i> |
| 10:15-10:30 a.m. | Autonomous & Electrification, Dennis Hoeg, Vice President, Global Manufacturing, Nexteer Automotive |
| 10:30-10:45 a.m. | Aerospace customer (Honeywell?), TBD, TBD, Siemens PLM Software |
| 10:45-11:00 a.m. | Autonomous & Electrification, TBD, TBD, TBD |
| 11:00-11:15 a.m. | Break |
| 11:15-12:00 p.m. | Panel discussion and Q&A session with morning speakers on digital twin
by ## |
| 12:15-1:00 p.m. | Lunch and Networking |
| 1:00-1:15 p.m. | Additive Manufacturing: TBD, Automotive customer |
| 1:15-1:30 p.m. | Additive Manufacturing: TBD, James A. Regenor, COL., USAF (RET.) Director, Additive Manufacturing Business Development & Innovation Moog Aircraft Group |
| 1:30-1:45 p.m. | Additive Manufacturing:TBD Mark Vitale, Specialist Leader Strategy & Operations, Deloitte |
| 1:45-2:00 p.m. | Break |
| 2:00-2:45 p.m. | Panel discussion and Q&A session with afternoon speakers on digital twin
by ## |
| 2:45-3:00 p.m. | Digital Twin Summit Closing,
<i>Chris Stevens & Barry Chapman, Vice President, Aerospace and Defense Industry, Siemens PLM Software</i> |
| 3:00-4:00 p.m. | Digital Enterprise Tour |

Note: Agenda subject to change



Aaron Johns, Siemens PLM Software

Aaron is currently the US Navy Technical Account Manager for Siemens PLM Software. He has held that role since 2016 and currently holds responsibility as the Siemens PLM Technical Lead for NAVAIR and their ongoing MBD projects along with

working with other branches of the Department of Defense. Since joining Siemens in 1997, Aaron has held various roles within the company.

Those varying roles have focused on Siemens' CAD/CAM/CAE products as well as the PLM portfolio of tools. Aaron's primary areas of expertise include Configuration Management and Service Lifecycle Management. Prior to joining Siemens, Aaron was employed as a mechanical designer for Dynamic Engineering Inc. Aaron studied Communications at Mansfield University of Pennsylvania and Mechanical Engineering at Wilkes University. When not evangelizing Product Lifecycle Management, Aaron enjoys golf and spending time with his wife and twin teenage boys.



Mark A. Vitale, Deloitte Consulting

Mark has more than 30 years of experience across all supply chain management disciplines, including financial management, and information technology. He is currently focused on Sustainment and Maintenance productivity improvement to include leading practice development efforts related to Additive Manufacturing.

Mark has led client organizations on enterprise wide supply chain transformation initiatives to include: visioning, design, implementation, risk management, benefit realization. He has experience crossing several industries including the Department of Defense, Life Sciences, Consumer Packaged Goods and Heavy Manufacturing. Mark holds an MBA from Northwestern University and a BA from Ohio Wesleyan University.



James Allen Regenor, Moog Inc. - Aircraft Group

James joined Moog Aircraft Group in 2013. He holds the title of Business Unit Director, Transformative Technologies. His responsibilities include new capabilities development, business development,

innovation strategies, and capabilities based strategy designs. Currently, he is tasked with creating solutions for our customer's aircraft sustainment challenges by leveraging Moog's market leading 3D Printing capability.

significant value, affordability and productivity gains to Boeing. Additionally, James is innovating traditional supply chain strategies with his patent pending Blockchain based solution, VeriPart®. Prior to joining Moog, James was a Colonel in the United States Air Force. He has commanded at the group and squadron level and held positions on the Joint Staff, Air Staff and Strategic Command staffs. Additionally, he served as the Deputy Executive Secretary of the National Security Council, Executive Office of the President, for both the Bush and Obama administrations. James was also C-17 and KC-135 pilot.

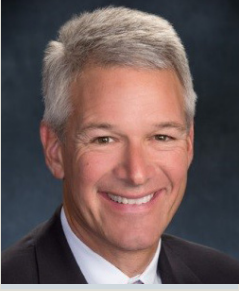


David H. Riemer, Siemens PLM Software

David joined Siemens PLM following a 35 year career in Aerospace and Defense in various leadership positions. In his current position, David is responsible for utilizing all the resources, including marketing, product development, sales

and services, of Siemens PLM to provide value-added solutions for the Aerospace and Defense Industry. Prior to this David was the Vice President, Science and Engineering, ATK Aerospace Systems where he was responsible for all technology programs at ATK's Aerospace Systems group including the successful development of the Ares I first stage booster culminating in the successful static test of the world's largest rocket motor. He was also responsible for all engineering activities on the Space Shuttle Reusable Solid Rocket Motor, missile defense systems, strategic missile and commercial satellite solid rocket boosters. Prior to joining ATK, David had a 27

year career at Raytheon Aircraft. His last position there was Vice President, Product Development and Engineering where he was responsible for all product development and the airworthiness of all Raytheon Aircraft. Prior to this assignment David was the Vice President and General Manager, Government Business Division specializing in military trainer aircraft (including the USAF/USN T-6A Texan II, USN T-34C and T-44 and the USAF T-1A) and special mission aircraft for the US and foreign government customers. Prior to this David held various leadership positions including Division Manager, Target (UAV) Missile Business and Manager, Cryogenic Business. David started his career at General Dynamics, Convair Division as a Thermodynamics Engineer. Having worked on several large superconducting magnet designs, cruise missile and Air Force space antenna studies. He earned a Bachelor of Science in Computer Science (Magna cum laude), with minors in Mechanical Engineering and Finance, from the University of Utah in 1975 and a Master of Science in Mechanical Engineering from the University of Utah in 1976.



Barry Chapman, Siemens PLM Software

Barry Chapman is the Vice President of the Aerospace and Defense Industry. Over his career Barry has been helping customers optimize their business by forming a digital enterprise that better equips companies to create innovative products and processes.

In his current role, his team is responsible for managing the overall business and customer relationships of the leading Aerospace and

Defense companies. Barry has been with Siemens and the acquired companies of SDRC, EDS and UGS since 1997. Prior to his start in enterprise software at SRDC, Barry worked at United Technologies - Otis Elevator, with responsibilities in sales, architectural consulting and project management. Barry has a degree in marketing from Marquette University and an MBA from DePaul University. Barry lives in Oak Park, IL with his wife and three children and enjoys skiing, running and coaching his children's sports.