

Agenda:

Summit: Monday June 3rd, 2019

08:00 - 09:00	Continental Breakfast & Meet and Greet	
09:00 - 09:15	Opening and Welcoming	Dr. Howard Harary, Director, Engineering Laboratory, NIST Dr. Serm Kulvatunyou, Senior Research Scientist, Systems Integration Division, NIST
09:15 - 10:00	Keynote Presentation: Industrial Control and IoT Networking Security, NIST	Victoria Pillitteri, Information Technology Lab, NIST
10:00 - 10:45	Project Execution Excellence Digital Project Execution (DPEX) Approach Overview – MIMOSA and the Open Industrial Interoperability Ecosystem (OIIE)	Deborah McNeil, Digital Project Execution Program Manager, Dow
10:45 - 11:15	30 Minute Break	
11:15 - 12:00	Avoiding vendor lock-in using open source software and standards-based messaging for smart manufacturing integration	Scott Nieman, Enterprise Integration Architect, Land O'Lakes
12:00 - 12:30	Digital Transformation through Strategic Partnering	Mark Pyatt, Industry Principal, Resource Industries, Accenture Consulting
12:30 - 13:30	Lunch	
13:30 - 14:00	Barriers to Small and Medium Size Manufacturers Data Interoperability Adoption	Chris Peters, CEO, Lucrum Group
14:00 - 14:45	Adoption plan for integration standards	Jaime Wightman (Systems Architect) and Daniel Valentine (Software Engineer), Lockheed Martin
14:45 - 15:15	30 Minute Break	
15:15 - 15:45	Construction Optimization in the Open Industrial Interoperability Ecosystem	Tedd Weitzman, Principal Consultant and Executive at Construct-x and CII Technology Committee Chair, Construct-X

		Consultant and Construction Industry Institute (CII)
15:45 - 16:30	OAGi & MIMOSA Collaboration for Open Industrial Digital Ecosystem	Alan Johnston, CEO, MIMOSA and Jim Wilson, CEO, OAGi
16:30 - 17:30	Panel Discussion - Business Value of Supplier-Neutral Standards-based Interoperability Moderators: Nenad Ivezic and Serm Kulvatunyou, NIST	Panelists: Scott Nieman, Alan Johnston, Jim Wilson, Geoff Nunan (Spruik Technologies), Jaime Wightman, Deborah McNeil, Ann Marie Waters (Bentley), Mark Pyatt (Accenture)
18:00 - 21:00	Reception	Courtyard by Marriott Gaithersburg Washingtonian. Salon A&B

Summit: Tuesday June 4th, 2019

08:00 - 09:00	Hot Breakfast	
09:00 - 09:30	Ken Dunn Presentation	
09:30 - 10:00	Collaborative Messaging Standard Development, Current State and Vision - Serm Kulvatunyou, Systems Integration Division, NIST	
10:00 - 10:30	IoT Message Modeling for Enterprise Integration, a NIST, OAGi & MIMOSA Collaboration - Yan Lu, Systems Integration Division, NIST	
10:30 - 10:45	15 mins Break	
Break out	Track 1: Towards Supplier-Neutral, Standard-based Interoperability Chairs: Yan Lu, Alan Johnston	Track 2: Industry experiences, lesson learned, and tutorials Chairs: Chris Peters, Mark Pyatt
10:45 - 11:00	Supplier Neutral Open Industrial Digital Ecosystem Discussion <ul style="list-style-type: none"> - Further collaboration strategy - How to broaden collaboration and stakeholders - New use cases 	The Effect of Fragmented Industrial Solutions on Small-Medium Size Manufacturer, Hyunbo Cho (Professor), Bongjun Ji(Ph.D. Student), POSTECH, South Korea
11:00 - 11:15		Smart Manufacturing Benefits to Small and Medium Size Manufacturers, Junhyuk Choi, Jaehyuk Kim, Ph.D. Students, POSTECH, South Korea
11:15 - 11:30		
11:30 - 11:45		Services Integration for Scheduling Optimization, Peter Denno, NIST
11:45 - 12:00		
12:00 - 12:15		

12:15 - 12:30	Lunch		
12:30 - 12:45			
12:45 - 13:00			
13:00 - 13:15			
13:15 - 13:30	Plenary: Panel discussion 2, Lessons-Learned and Path forward to Supplier-neutral, Standards-based Interoperability <ul style="list-style-type: none"> - What are previous supplier-neutral efforts? EbXML, Web Services, Open O&M - What were the successes and failures? - What do we do to move forward? 		
13:30 - 13:45			
13:45 - 14:00			
14:00 - 14:15			
Break out	Track 1: Towards Supplier-Neutral, Standard-based Interoperability Chairs: Yan Lu, Alan Johnston	Track 2: Industry experiences, lesson learned, and tutorials Chairs: Chris Peters, Mark Pyatt	
14:15 - 14:30	RESTful Web API Design, Scott Nieman, Land'O Lakes and Steffen Fohn, ADP	Demonstration of Open Source Opportunities for Industry 4.0 Kirt Anderson, CEO and Geoff Nunan, Founder - Spruik Technology	
14:30 - 14:45			
14:45 - 15:00			
15:00 - 15:15	15 mins Break		
15:15 - 15:30	Architecture for OIIE & OGI Pilot, Matt Selway and Markus Stumptner	Shop and Plant Floor Cyber-security Issues in Small- to Medium-sized Manufacturers, Chris Peters, Lucrum Group.	
15:30 - 15:45		Enterprise Cyber-security in the era of foreign state sponsored threats Chris Winn, Cybersecurity Specialist, IBM	
15:45 - 16:00		Standard-based Global Operation by a World Leading Manufacturer, Byung Gon Lee, Thira-Utech	
16:00 - 16:15			
16:15 - 16:30			
16:30 - 16:45			
16:45 - 17:00			
17:00 - 17:15		Open Industrial Digital Ecosystem discussion & planning, IoT industry pilot cases	The Effect of Natural Hazards on Manufacturing and its Supply Chain, Douglas Thomas, Economics Division, NIST
17:15 - 17:30			

OAGi Symposium: Wednesday June 5, 2019

08:30 - 09:00	Light breakfast and networking social	
09:00 - 09:15	Opening Remark	Jim Wilson, OAGi
09:15 - 10:00	Standard-based Global Operation by a World Leading Manufacturer	Byung Gon Lee, Thira-Utech
10:00 - 10:45	The Effects of Fragmented Industrial Solutions - A Case Study on a Medium Size Manufacturer	Hyunbo Cho, Bongjun Ji, POSTECH, South Korea
10:45 - 11:15	Break	
11:15 - 12:00	Smart Manufacturing Benefits to Small and Medium Size Manufacturers	Junhyuk Choi, Jaehyuk Kim, POSTECH, South Korea
12:00 - 12:30	Digital Twin Manufacturing Standardization Activities in ISO TC 184	Hyunjeong Lee, Electronics and Telecommunications Research Institute (ETRI)
12:30 - 13:30	Lunch	
13:30 - 14:15	Overview of MTConnect	Moneer Helu, NIST
13:30 - 14:15	OAGi Smart Manufacturing Working Group - Smart Manufacturing IoT Integration Architecture and MIMOSA Collaboration	Yan Lu, NIST

15:15 - 15:45	Break	
15:45 - 17:30	Continued of the OAGi Smart Manufacturing Working Group - Reflection and planning based on the first 2 days of the summit	Yan Lu, NIST

OAGi Symposium: Thursday June 6, 2019

08:30 - 9:00	Light breakfast and networking social	
09:00 - 09:45	Introduction to ASME Guideline to Prognosis and Health Management	Brian Weiss, NIST
09:45 - 10:30	NIST OAGi Score Tool Report and Discussion	Serm Kulvatunyou, NIST
10:30 - 10:45	Break	
10:45 - 11:15	Business Context Best Practice	Elena Jelisic, U. of Belgrade, Scott Nieman Land O'Lakes and Nenad Ivezic, NIST
11:15 - 11:45	Supply Chain Quick Start program for Small and Medium Manufacturing Suppliers using Score and BPMN	OAGi SME WG - Nenad Ivezic, NIST and Scott Nieman, Land O'Lakes
11:45 - 12:15	OAGi Standard Updates for JSON/Mobile REST	Michael Rowell, Oracle

12:15 - 13:30	Lunch - Outside	
13:30 - 14:30	NCCoE Lab Tour	
14:30 PM - 15:15 PM	New OAGi Standards for Product Life Cycle Support	Jaime Wightman, Lockheed
15:15 PM - 15:30 PM	Break	
15:30 PM - 16:00 PM	OAGIS 10.5.1	Michael Rowell, Oracle
16:00 PM - 16:30 PM	OAGi Board Report	Garret Minakawa, Oracle and OAGi Board
16:30 PM - 17:00 PM	OAGi Operation Report	Michael Figura, OAGi
17:00 PM - 17:30 PM	Planning for future meeting and Wrap up	Michael Figura and Jim Wilson, OAGi