

MBE Summit
NIST, Gaithersburg, MD
Green Auditorium, Bldg 101

Tuesday, 12 Apr. 2016

Time	Topic	Speaker(s)
0830-0840	Announcements & Admin	Allison Barnard Feeney, NIST; Paul Huang, ONR
0840-0910	Opening Remarks	Howard Harary, NIST; George Barnych, DMDII
NIST Program Overviews		
0910-0925	Introduction to Smart Manufacturing at NIST	Allison Barnard Feeney, NIST Thomas Hedberg, NIST
0925-0940	Design for Smart Manufacturing	Bob Lipman, NIST
0940-0955	Composable Models	Peter Denno, NIST
0955-1010	Linking System and Analysis Models	Conrad Bock, NIST
1010-1025	Interoperable Quality	John Horst, NIST
1025-1040	Minimum Information Model	Nathan Hartman, Purdue University / NIST
1040-1100	Break	<i>Sponsored by DMDII</i>
1100-1115	Data Traceability	Sylvere Krime, NIST
1115-1130	Predictive Analytics	Ronay Ak, NIST
1130-1145	Data-Driven Visualizaton	William Bernstein, NIST
1145-1200	Diagnosis, Prognosis, and Control	Brian Weiss, NIST
1200-1230	Smart Manufacturing Systems Test Bed	Moneer Helu and Thomas Hedberg, NIST
1230-1330	Lunch Break	
DMDII Project Overviews		
1330-1400	DMDII Technology Roadmap & SIP	Brench Boden, AFRL
1400-1430	Operate, Orchestrate and Originate (O3)	Martin Hardwick, STEP Tools
1430-1500	Integration of AVM iFAB Tools for Industrial Use	Chris Ligetti, PSU
1500-1530	Break	<i>Sponsored by DMDII</i>
1530-1600	Capturing Product Behavioral and Contextual Characteristics through a Model-Based Feature Information Network (MFIN)	Mimi Hsu, LM
1600-1630	Tolerance Analysis Tools, Techniques and MBE Training	Andreas Vlahinos, AES
1630-1700	Enhancing the Model-Based Definition with Manufacturing Information through Linked Data for Design Exploration	Suraj Musuvathy, Siemens
1700-1715	Wrap up	George Barnych, DMDII

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Wednesday, 13Apr. 2016

Time	Topic	Speaker(s)
0800-0810	Announcements & Admin	Paul Huang, ONR; Allison Barnard Feeney, NIST
0810-0830	Opening Remarks on AMNPO	Michael Molnar
0830-0900	LIFT	TBD
0900-0930	DOE lead institutes	Rob Ivester
0930-1000	NNMI projects with MBE/Digital Thread projects themes	Paul Huang, ONR
1000-1020	Break	<i>Sponsored by DMDII</i>
1020-1100	Navy Digital Shipbuilding	Paul Huang, ONR/Jamie Breakfield, HII Ingalls
1100-1130	NC MBE Phase II	Anthony Holden, AMRDEC
1130-1145	Overview of afternoon breakout activities	Paul Huang, ONR
1145-1230	Vendor and NSF Poster Introductions, Hallway Displays	
1230-1330	Lunch Break	
1330-1445	What Roles Should Standards play in Digital Manufacturing?	Will Sobel, System Insights
1445-1500	Break	<i>Sponsored by DMDII</i>
1500-1700	Reports of Monday's MBx groups; Plenary discussion	
1700-1715	Wrap up from WG	

Thursday 14Apr. 2016

MBE/Digital Thread projects		
America Makes and DoD MBE/Digital Thread project briefs		
0800-0810	Admin	Allison Barnard-Feeney, NIST
0810-0840	America Makes Update	Ed Morris, America Makes
0840-0910	DLA : SWISS, a Linked Data Model for Specs and Standards	Rupert Hopkins, XSB
0910-0940	DLA : 3D Tech Data	Tom Parks, LMI
0940-1000	Break	<i>Sponsored by DMDII</i>
1000-1045	Keynote Industry MBE/Digital Thread project	Ram Pentakota, Johnson Controls
1045-1145	Digital Thread Implementation in the Air Force	Pam Kobryn and Brench Boden, AFRL
1145-1210	NSF eDesign Overview	Janis Terpenney, PSU
1210-1230	MBE Summit Wrap Up	
1230-1330	Lunch Break	
1330-1530	Securing Executive Sponsorship for MBE	POC: Chris Peters
(1330-1700)	DEDMWG Breakout	