Start Time	Presenter	Organization	Presentation Topic	Session
7:30 AM	Registration Begins/Continental Breakfast			Opening
8:00 AM	Mike Brundage	NIST Systems Integration Division	Opening Remarks about the workshop	
8:10 AM	Brian Weiss	NIST Intelligent Systems Division	Opening Remarks about ASME Standards	
8:15 AM	Howard Harary	NIST Engineering Lab Director	Welcome to NIST	
8:30 AM	Everyone	Introductions		
8:45 AM	Mike Brundage	Introduction to Data Collection/Storage Session		Data Collection and Storage
8:50 AM	Thurston Sexton	NIST Systems Integration Division	Human Factors Concerns in Data Collection	
9:05 AM	Jack Fanneron	BP Mechanical Corporation	Novel Data Collection Strategies for Maintenance	
9:20 AM	Ken Dunn	British Petroleum (BP)	BP's Natural Language Document environment and challenges	
9:35 AM	Farhad Ameri	Texas State University	A Thesaurus-guided Method for Smart Manufacturing Diagnostics	
9:50 AM	Sarah Lukens	GE Digital	Maintenance Data Collection Challenges	
10:05 AM	Brainstorming			
10:50 AM	Break 1			
11:10 AM	Thurston Sexton	Introduction to Data Cleaning/Parsing Session		Data Cleaning and Parsing
11:15 AM	Mike Brundage	NIST Systems Integration Division	Small Data Tagging using the Nestor tagging tool	
11:30 AM	Melinda Hodkiewicz	University of Western Australia	Semi-Automatic Processing of Unstructured Short Text in Maintenance Records	
11:45 AM	Aaron Massey	University of Maryland Baltimore County (UMBC)	Natural Language Processing for Regulatory Compliance Requirements	
12:00 PM	Maria Seale	U.S. Army Engineer Research and Development Center	Composite Learning Algorithm for Records Evaluation (CLARE)	
12:15 PM	Ellen Vorhees	NIST Information Technology Lab	Using Challenge Problems to Drive Technology	
12:30 PM	Brainstorming			
1:15 PM	Lunch			
2:30 PM	Mike Brundage	Introduction to Data Analysis/Visualization Session		Data Analysis and Visualization
2:35 PM	Justin Fessler	Salesforce	NLP Use Cases in Manufacturing	
2:50 PM	James Waltner	Lockheed Martin	Merging NLP documents with operations data	
3:05 PM	Al Salour	Boeing	Challenges of using NLP in large manufacturing	
3:20 PM	Senthil Chandrasegaran	UC Davis	Visualizing Maintenance Work Order data	
3:35 PM	Radu Pavel	TechSolve	NLP and Decision Needs for SMEs	
3:50 PM	Break 2			
4:10 PM	Brainstorming			
4:55 PM	Brainstorming Leads	Summary of Brainstorming Sessions		Closing
5:15 PM	Brian Weiss	NIST Intelligent Systems Division	Discussion on PHM Group	
5:18 PM	Mike Brundage	NIST Systems Integration Division	Closing	