

Day 1 - Tuesday, September 15, 2020 - Eastern Daylight Time						
Welcome & Keynote Session						
10:00	10:10	Welcome - Tom Costabile (ASME), Introduces Oliver Myers (SMASIS General Chair) - Opening Remarks/Moderates Q&A				
10:10	10:15	Moderators - Andy Sarles and Amin Karami (SMASIS Technical Chairs) - Speaker Introductions				
10:15	10:45	Keynote	Wei-Hsin	Liao	2020 ASME Adaptive Structures and Material Systems Award: Vibration, Energy Harvesting, Human Motion	The Chinese University of Hong Kong
10:45	10:55	Q&A				
Session 1: Student Research Highlights and Morphing Aircraft						
Moderators - Giovanni Berselli and Amin Bibo, Chairs of Student Competitions						
10:55	11:00	Student Highlights			Student Paper & Hardware Competition	
11:00	11:20					
11:20	11:40	Invited Talk 1.1	Antonio	Concilio	Status and perspectives of commercial aircraft morphing	Italian Aerospace Research Center (CIRA), Italy
11:40	11:50	Q&A				
11:50	12:00	Break				
Session 2: Advances in Shape Memory Alloys						
Moderators - Cornel Ciocanel and Paris Van Lockette, Chairs of Symposia 1 and 2						
12:00	12:05				Functionally Graded Materials by Additive Manufacturing – From Conventional to Shape Memory Alloys	
12:05	12:25	Invited Talk 2.1	Thomas	Niendorf		University of Kassel, Germany
12:25	12:45	Invited Talk 2.2	Gaoyuan	Ouyang	Combinatorial Development of Copper Based SMA	Ames Laboratory of US DOE Iowa State Univ.
12:45	12:55	Q&A				
12:55	13:05	Break				
Session 3: Flexible Structures - Mechanics, Design, and Intelligence						
Moderators - James Gibert and Andres Arrieta, Chairs of Symposia 3 and 4						
13:05	13:10					
13:10	13:30	Invited Talk 3.1	Guangbo	Hao	Structure, Stiffness, and Multi-Stability Design in Compliant/Flexible Mechanisms	Univ. of College Cork, Ireland
13:30	13:50	Invited Talk 3.2	Ryan	Harne	Smart Mechanical Matter	Penn State University
13:50	14:00	Q&A				
14:00	14:10	Break				
Session 4: Smart Materials and the IoT						
Moderators - Dan Cole and Joe Calogero, Chairs of Symposia 5 and 6						
14:10	14:15					
14:15	14:35	Invited Talk 4.1	Antonios	Konstos	An Internet of Things Approach for Dynamic and Data-Driven Remaining Useful Life Predictions	Drexel University
14:35	14:55	Invited Talk 4.2	Dong	Ha	Energy Harvesting for Wireless IoT Devices	Virginia Tech
14:55	15:05	Q&A				
15:05	15:15	Break				
Final Session: Networking and Awards Presentation						
Networking Session						
15:15	15:45					
15:45	16:15	Pioneer Banquet (Awards Ceremony and Closing Remarks) - Oliver, Andy, and Amin				