

Times (EDT)		SMASIS 2021 Day 1, Tuesday, September 14, 2021			
Start	End	PLENARY SESSION			
9:00 AM	9:10 AM	Welcome	Welcome by Tom Constable (ASME) Introductions by Conference Chairs: Andy Sarles and Amin Karami		
9:10 AM	9:45 AM	Keynote 1	Advanced Material Systems in NASA Aeronautics' Innovation Portfolio	John Cavolowsky (NASA ARMD)	
9:45 AM	10:20 AM	Keynote 2	Leveraging Soft Materials in Wearable Robots	Conor Walsh (Harvard University)	
10:20 AM	10:30 AM	Break			
MORNING SESSIONS					
10:30 AM	10:35 AM	Introductions	Session 01-01: Development and Characterization of Multifunctional Materials Chairs: Bjoern Kiefer, Ji Su	Session 02-01: Mechanics & Behavior of Active Materials Chairs: Paris Von Lockette, Darren Hartl	Session 03-01: Modeling, Simulation and Control of Adaptive Systems Chairs: Rocco Vertechy, Giovanni Berselli
10:35 AM	10:55 AM	Invited Talk + Q&A	Mohammed Elahinia (University of Toledo)	67596, 67599, 67649, 67650, 68015, 68029, 68384, 68385, 68392, 67761	Rongjie Kang (Tianjin University)
10:55 AM	11:50 AM	Quad Chart Presentations	66024, 67111, 67462, 67644, 67659, 67801, 67832, 67936, 68127		67531, 67601, 67752, 67804, 67991, 68073, 68102, 68198, 68200
11:50 AM	12:00 PM	Break			
12:00 PM	12:50 PM	Lunch Break		STUDENT DEV. PANEL Chairs: Kazuko Fuchi, Edwin Peraza-Hernandez	
12:50 PM	1:00 PM	Break			
AFTERNOON SESSIONS I					
1:00 PM	1:05 PM	Introductions	Session 04-01: Integrated System Design and Implementation Chairs: Johannes Riemenschneider, Brent Utter	Session 05-01: Structural Health Monitoring Chairs: Benjamin Grisso, Daewon Kim	Session 06-01: Bioinspired Smart Materials and Systems Chairs: Joseph Calogero, Caterina Lamuta
1:05 PM	1:25 PM	Invited Talk+Q&A	Umesh Gandhi (Toyota)	Steven Anton (Tenn. Tech University)	Jean-Michele Mongeau (Penn State University)
1:25 PM	2:35 PM	Quad Chart Presentations	67261, 67452, 67467, 67487, 67590, 67655, 67806, 67857, 67859, 67935, 68013, 68028	67457, 67524, 67538, 67739, 67779, 67781, 68397	67304, 67508, 67559, 67646, 67651, 67686, 67703, 67760, 67786, 68035, 68183, 68238
2:35 PM	2:45 PM	Break			
AFTERNOON SESSIONS II					
2:45 PM	2:50 PM	Introductions	Session 07-01: Energy Harvesting Chairs: Sherry Towfighian, Soobum Lee	Session 08-01: Emerging Technologies Chairs: Julianna Abel, Jovana Jovanova	Session 09-01: Student Paper Competitions Chairs: Giovanni Berselli, Amin Bibo
2:50 PM	3:10 PM	Invited Talk+Q&A	Lihua Tang (University of Auckland)	Sepideh Ghodrat (TU Delft)	Best Paper Finalists: 68397, 68286, 68239, 67596, 67134
3:10 PM	4:00 PM	Quad Chart Presentations	67175, 67338, 67680, 67736, 67928, 68087, 68209, 68305	67607, 67724, 67934, 67961, 68142, 68231, 68268, 68338	Hardware Finalists: 67634, 68102, 68239, 68293
4:00 PM	4:10 PM	Break			
EVENING SESSION					
4:10 PM	5:10 PM	Networking	Virtual Networking, Career Fair @ GatherTown		
Times (EDT)		SMASIS 2021 Day 2, Wednesday, September 15, 2021			
Start	End	PLENARY SESSION			
9:00 AM	9:10 AM	Welcome	Introductions by Conference Chairs: Amin Karami and James Gibert		
9:10 AM	9:45 AM	Keynote 1	Adaptive Structures and Material Systems: Community, Career, and Research Highlights	Mary Frecker (Penn State University)	
9:45 AM	10:20 AM	Keynote 2	Origami Packaging Project: Azusa High School-SMASIS Student Symposium Collaboration	Andres Del Real, et al (Azusa High School)	
10:20 AM	10:30 AM	Break			
MORNING SESSIONS					
10:30 AM	10:35 AM	Introductions	Session 01-02: Development and Characterization of Multifunctional Materials Chairs: Constantin Ciocanel, Bjoern Kiefer	Session 02-02: Mechanics & Behavior of Active Materials Chairs: Douglas Nicholson, John Gallagher	Session 03-02: Modeling, Simulation and Control of Adaptive Systems Chairs: Rocco Vertechy, Amin Bibo

10:35 AM	10:55 AM	Invited Talk + Q&A	Aaron P. Stebner (Georgia Tech)	66807, 67471, 67609, 67746, 67854, 67856, 68034, 68075, 68322, 68396, 68111	68224, 68269, 68293, 68300, 68326, 68331, 68371, 68393, 66926, 74552
10:55 AM	11:50 AM	Quad Chart Presentations	68171, 68206, 68288, 68344, 67658, 67834, 68389, 75848, 76267		
11:50 AM	12:00 PM	<i>Break</i>			
12:00 PM	12:50 PM	Lunch Break		TRIVIA GAME Chairs: Anil Erol; Kazuko Fuchi	
12:50 PM	1:00 PM	<i>Break</i>			
AFTERNOON SESSIONS I					
1:00 PM	1:05 PM	Introductions	Session 04-02: Integrated System Design and Implementation Chairs: Brent Utter, Patrick Musgrave	Session 05-02: Structural Health Monitoring Chairs: Daewon Kim, Nathan Salowitz	Session 06-02: Bioinspired Smart Materials and Systems Chairs: Caterina Lamuta, Joseph Najem
1:05 PM	1:25 PM	Invited Talk + Q&A	Martin Pohl - <i>AMTIS Award</i> (DLR German Aero. Center)	Sourav Banerjee (University of South Carolina)	Aimée Sakes (TU Delft)
1:25 PM	2:35 PM	Quad Chart Presentations	68133, 68211, 68248, 68259, 68285, 68340, 68349, 68409, 66802, 67612, 76529	67797, 67802, 68159, 68292, 67885, 76183, 68466	68239, 68271, 68283, 68296, 68299, 67332, 67837, 68055, 68225, 68403, 76248, 76453
2:35 PM	2:45 PM	<i>Break</i>			
AFTERNOON SESSIONS II					
2:45 PM	2:50 PM	Introductions	Session 07-02: Energy Harvesting Chairs: Soobum Lee, Christopher Cooley	Session 08-02: Emerging Technologies Chairs: Jovana Jovanova, Paul Motzki	Session 09-02: SMASIS Career Fair Presentations Chairs: Kazuko Fuchi, Edwin Peraza-Hernandez
2:50 PM	3:10 PM	Invited Talk + Q&A	Wei Hsin Liao (Chinese University of Hong Kong)	Yannik Goergen (University of Saarland)	List of Presenters: Greg Reich (AFRL) Gloria Hardy (UDRI)
3:10 PM	4:00 PM	Quad Chart Presentations	68286, 68310, 68360, 68377, 68408, 67134, 67638, 76387, 76419	67634, 67896, 68146, 68382, 68358, 76365, 76758, 76414	
4:00 PM	4:10 PM	<i>Break</i>			
EVENING SESSION					
4:10 PM	4:40 PM	Pioneer Banquet	Presentation of Awards Chairs: Andy Sarles, Amin Karami, and James Gibert		
4:40 PM	5:40 PM	Networking	Virtual Networking and Career Fair @ GatherTown		Online game night @ Jackbox