

AMSM2021 Time Table

Japan (Online), 10-12 November, 2021

All the listed time is displayed in JST (Japan Standard Time, UTC+09)

November 10th

Time (start)	Time (end)	Event
16:00	18:00	Welcome free talk (for invited speakers)

November 11th

Time (start)	Time (end)	Session and Chair(s)	Event	Speaker	Presentation Title
10:00	10:10	Opening (T. Sugino)	Opening remarks	Prof. Hidenori Okuzaki	
10:10	11:00	Plenary (T. Sugino)	Plenary lecture	Prof. Il-Kwon Oh	Ionic soft actuators based on functional nanomaterials
11:00	11:10	Coffee break			
11:10	11:40	Polymer actuators I (K. Takagi)	Keynote lecture	Prof. Zunfeng Liu	Periodic Curved Fiber Materials for Smart Materials-Artificial Muscles, Artificial Spider Silk, Flexible Electronics, and
11:40	12:10		Keynote lecture	Prof. Geoffrey Spinks	Superciling Artificial Muscles
12:10	12:30		Commemorative Keynote lecture	Dr. Kinji Asaka	Ionic EAPs: progress in materials, modeling and new applications
12:30	14:00	Lunch			
14:00	14:30	Polymer actuators II (T. Horiuchi)	Keynote lecture	Prof. John Madden	Charge generation in hydrogels
14:30	15:00		Keynote lecture	Prof. Wei Chen	Wearable Artificial Muscle Actuators
15:00	15:30		Keynote lecture	Prof. Seung Tae Choi	Haptic Application of Relaxor Ferroelectric Polymer Actuators Based on Fretting Phenomenon
15:30	15:50		Invited lecture	Prof. Ying Hu	High-performance nanocomposite-based soft actuator for the light-driven autonomous locomotion
15:50	16:10	Coffee break			
16:10	16:40	3D/4D printing and soft robotics (K. Takagi)	Keynote lecture	Prof. Hidemitsu Furukawa	3D, 4D Printing of Food, Medical, Gels, and Soft-matter Robot
16:40	17:00		Invited lecture	Prof. Zhenhua Tang	3D Printed Nanocomposites with Highly Sensitive Pressure Sensing Capability
17:00	17:30		Keynote lecture	Prof. Michael Sinapius	From Spatial 3D Printing Towards 4D Printing
17:30	18:00		Keynote lecture	Prof. Jonathan Rossiter	Smarter materials for smarter soft robots
18:00	18:05	1st day closing remarks (K. Takagi)			
18:05	19:00	Online social event			

November 12th

Time (start)	Time (end)	Session and Chair(s)	Event	Speaker	Presentation Title
10:00	10:05	2nd day opening remarks (K. Takagi)			
10:05	10:55	Plenary (K. Takagi)	Plenary lecture	Prof. Koichi Suzumori	Soft Robotics and Material Sciences: An adaptive way leading to a smart society and future
10:55	11:05	Coffee break			
11:05	11:35	Soft robotics (K. Masuya)	Keynote lecture	Prof. Li Wen	Bio-inspired Flexible Surfaces, Adhesives, and Tentacles for Soft Robots
11:35	11:55		Invited lecture	Prof. Takuya Umedachi	Autonomous decentralized control and digital fabrication for making soft-bodied robots
11:55	12:15		Invited lecture	Prof. Youngsu Cha	Virtual reality applications using soft interaction gloves
12:15	14:00	Lunch			
14:00	14:30	Polymer actuators and soft robotics (T. Horiuchi)	Keynote lecture	Prof. Iain Anderson	Dielectric elastomer sensors for turning underwater gestures into machine commands for a robot buddy
14:30	14:50		Invited lecture	Prof. Shingo Maeda	Autonomous chemical machines
14:50	15:10		Invited lecture	Dr. Tatsuhiro Horii	Ultra-thin Compliant Electrodes with Free-Standing Towards Skin-Contact Dielectric Elastomer Actuators
15:10	15:30	Coffee break			
15:30	16:00	Sensors and flexible electronics (K. Takashima)	Keynote lecture	Prof. Joo-Hyung Kim	Highly selective Surface Acoustic Wave Sensor for CWA and TIC gas detection
16:00	16:30		Keynote lecture	Prof. Toshinori Fujie	Tissue-Contact Electronics for Advanced Healthcare and Medicine
16:30	16:50		Invited lecture	Prof. Shyam S. Pandey	Sensing and Actuation: Moving from Soft & Wet in Liquid to Soft, Flexible & Dry in Solid-State
16:50	17:10	Concluding remarks (T. Sugino)			