

Session: **Soft and Biohybrid Actuation**

Free live online session • November 23, 2020 • 8:30 AM – 12:00 PM EST

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Time (EST)	Speakers and Talks
8:30 – 8:35	Introduction to the session: <b>Dr. Aslan Miriyev</b>
8:35 – 9:15 <i>Keynote talk</i>	 <b>Prof. Carmel Majidi</b> , Carnegie Mellon University, USA <i>Untethered soft robots with shape memory actuators</i>
9:15 – 9:45 <i>Invited talk</i>	 <b>Dr. Ingrid Graz</b> , Johannes Kepler Universität, Austria <i>Soft robotic systems inspired by plants</i>
9:45 – 10:15 <i>Invited talk</i>	 <b>Dr. Victoria A. Webster-Wood</b> , Carnegie Mellon University, USA <i>Aquatic invertebrate muscle as a farmable bioactuator for biohybrid robots</i>
10:15 – 10:25	<i>Short break</i>
10:25 – 10:55 <i>Invited talk</i>	 <b>Dr. Dorina Opris</b> , Empa, Switzerland <i>Functional elastomers responsive to electrical and mechanical stress</i>
10:55 – 11:25 <i>Invited talk</i>	 <b>Dr. Rebecca Kramer-Bottiglio</b> , Yale University, USA <i>From particles to parts—building artificial life from multifunctional materials</i>
11:25 – 11:55 <i>Invited talk</i>	 <b>Dr. Stephan Rudykh</b> , University of Wisconsin-Madison, USA <i>Tailored design of soft materials through microstructures and buckling</i>
11:55 – 12:00	Summary and closing remarks: <b>Dr. Aslan Miriyev</b>



Session Initiator and Chair:

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