

# MaP Distinguished Lecture Series 'Soft Robotics'

Experts from academia & industry highlight current research  
& frontiers in Soft Robotics.

Spring Semester 2021 | Tuesdays 16.15 - 17.00 | online format



[www.map.ethz.ch](http://www.map.ethz.ch)

- 23 February**    **Robert Katzschmann, ETH Zurich**  
Creation & Model-Based Control of Soft Robots Tackling Manipulation & Locomotion Challenges
- 2 March**        **Allison Okamura, Stanford University**  
Shape-Changing Soft Inflated Beam Robots
- 9 March**        **Rebecca Kramer-Bottiglio, Yale University**  
From Particles to Parts - Building Artificial Life From Multifunctional Materials
- 16 March**       **Robert Wood, Harvard University**  
Soft Robotics for Delicate and Dexterous Manipulation
- 23 March**       **Carmel Majidi, Carnegie Mellon University**  
Soft Matter Engineering for Robotics and Wearables
- 30 March**       **Jonathan Rossiter, University of Bristol**  
Towards Ubiquitous Soft Robots: From Zipping Actuators to Soft Robotic Clothing
- 13 April**        **Herbert Shea, EPF Lausanne**  
Electrostatic Elastomer Actuators for Soft Robotics and Wearable Haptics
- 20 April**       **Barbara Mazzolai, Istituto Italiano di Tecnologia (iit)**  
What Do Soft Robots Envy in Living Beings?
- 27 April**       **Koichi Suzumori, Tokyo Institute of Technology**  
Soft Actuators Pioneering E-kagen Robotics
- 4 May**           **Robert Shepherd, Cornell University**  
Optoelectronic Deformation Sensing, and Electrohydraulic Actuation
- 11 May**         **Daniela Rus, MIT**  
One Robot for Any Task
- 18 May**         **Karoline von Häfen, Festo**  
Bionic - Learning by Nature
- 25 May**         **Carl Vause, World Economic Forum, Global Platform Fellow**  
From Peer Reviewed to Customer Demands: Translating Soft Robotics Science to Commercial Products.
- 1 June**          **Christoph Keplinger, Max Planck Institute**  
HASEL Artificial Muscles - Versatile High-Performance Actuators for a New Generation of Lifelike Robots