



Boston University Office of Research

Research on Tap

Robotics and Autonomous Systems

Wednesday, February 8, 2023 | 4-6 pm | Kilachand Center

WELCOME

Gloria Waters	Vice President and Associate Provost for Research
Yannis Paschalidis	Professor, Electrical & Computer Engineering, ENG; Director, Rafik B. Hariri Institute for Computing and Computational Science & Engineering
Sean Andersson	Interim Department Chair; Professor, Mechanical Engineering, ENG

PRESENTATIONS

Bio-Inspired Robust Autonomy

Yannis Paschalidis, PhD, Professor, Electrical & Computer Engineering, ENG; Director, Rafik B. Hariri Institute for Computing and Computational Science & Engineering

Safe Autonomous Systems In Robotics And The Internet Of Vehicles

Christos G. Cassandras, PhD, Professor, Electrical & Computer Engineering; Head of the Division, Systems Engineering, ENG

Formal Methods for Autonomy

Calin Belta, PhD, Professor, Mechanical Engineering, ENG

Navigation, Brains, Fields, and Linear Programming

Roberto Tron, PhD, Assistant Professor, Mechanical Engineering, ENG

Byzantine Resilience at Swarm Scale

Wenchao Li, PhD, Assistant Professor, Electrical & Computer Engineering, ENG

Designing Semi-Cooperative Robot Teams

Alyssa Pierson, PhD, Assistant Professor, Mechanical Engineering, ENG

Functional Kirigami: Muscles, Grippers, Logic, and Actuators

Douglas P. Holmes, PhD, Associate Professor, Mechanical Engineering, ENG

Soft Robotic Exosuits for Post-Stroke Locomotor Recovery

Lou Awad, PT, DPT, PhD, Assistant Professor, Physical Therapy, SAR

Robotic Apparel to Prevent Freezing of Gait In Persons with Parkinson Disease

Terry Ellis, PhD, PT, FAPTA, Associate Professor and Chair, Physical Therapy, SAR

Interactive Autonomy at Scale

Eshed Ohn-Bar, PhD, Assistant Professor, Electrical & Computer Engineering, ENG

Soft Material Robotics and Next-Generation Surgical Robots

Sheila Russo, PhD, Assistant Professor, Mechanical Engineering, ENG

Enabling Robots to Function in Complex and Unstructured Environments

Tommaso Ranzani, PhD, Assistant Professor, Mechanical Engineering, ENG

Controlling Soft Robots: Not as Hard as You'd Think

Andrew Sabelhaus, PhD, Assistant Professor, Mechanical Engineering, ENG

Control for Sensing and Estimation

Sean Andersson, PhD, Interim Department Chair; Professor, Mechanical Engineering, ENG

Upcoming Events

RESEARCH ON TAP

China and the World

Monday, February 27, 2023 | 4-6 pm

Safety, Justice, and Health in US Cities

Wednesday, March 15, 2023 | 4-6 pm

Environmental Cultures, Power, and Equity

Wednesday, March 22, 2023 | 4-6 pm

RESEARCH HOW-TO

Learn to Use the Dimensions Database

Wednesday, February 15, 2023 | 1-2:30 pm

Guide to Op-Eds: How to Improve your Writing, Editing, and
Pitching

Thursday, February 16, 2023 | 3-4:30 pm

Find a Collaborator: Tools for Making Research Connections at
Boston University

Tuesday, March 14, 2023 | 1-2:30 pm

Building Successful Collaborative Relationships with Policymakers

Tuesday, April 11, 2023 | 3-4 pm

Learn more and RSVP:

bu.edu/research/events



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