CITRIS Autonomy Series

Sept.–Dec. 2024
Tuesdays
11 a.m.–noon

Room 250, Floor 2
Sutardja Dai Hall
UC Berkeley

The Future of Autonomous Systems and Robotics

CITRIS THE BANATAO INSTITUTE | C3.ai Digital Transformation Institute

Sept. 10
Alireza Pourreza, UC Davis
"Crop Monitoring By Remote Sensing: Challenges and Opportunities"

Sept. 17
Dusan Stipanovic, University of Illinois Urbana-Champaign
"Some Specific Properties of Dynamical Systems with Applications to Collision Avoidance and Machine Learning"

Sept. 24
S. Shankar Sastry, UC Berkeley
"Learning-enabled Multi-agent Systems in Societal Systems Transformation"

Oct. 1
Giuseppe Loianno, New York University
"Boosting Robot Autonomy Through Agility and Collaboration"

Oct. 8
Oussama Khatib, Stanford University
"Deep-sea Robotics Exploration: OceanOne"

Oct. 15
Manxi Wu, Cornell University
"Optimizing Resource Allocation in Modern Transportation Through the Lens of Information and Algorithm Design"

Oct. 22
Dragos D. Margineantu, Boeing
"Engineering Robust Autonomous Systems: Risk, Knowledge and Meaning"

Oct. 29
YangQuan Chen, UC Merced
"Mobile Actuator and Sensor Networks (MAS-net)"

Nov. 5
H. Vincent Poor, Princeton University
"Wireless Federated Learning"

Nov. 12
Marco Pavone, Stanford University
"Rethinking AV Development with AV Foundation Models"

Nov. 19
Siegfried Eggl, University of Illinois Urbana-Champaign
"Satellite Constellations and Ground-based Astronomy: Can They Coexist?"

Dec. 3
Marcella Gomez, UC Santa Cruz
"A Data-driven Approach to Driving Wound Healing Outcomes"

Join **CITRIS and the Banatao Institute** and **C3.ai Digital Transformation Institute** for a speaker series dedicated to unveiling the latest breakthroughs in autonomous systems and robotics.

This series will feature experts from academia and industry who are making significant impacts and pushing the boundaries of innovation in their respective fields including perception and sensing, control systems, autonomous navigation, machine learning and more.

Connect with trailblazers in the field, deepen your knowledge and spark new ideas! We invite faculty, researchers, students, industry professionals and technology enthusiasts interested in the cutting edge of autonomy and robotics.