

Stanford University
AA 289/CS 529: Robotics and Autonomous Systems Seminar

Instructors:

Prof. Marco Pavone

Office: Durand room 261

Email: pavone@stanford.edu

Prof. Mark R. Cutkosky

Office: MERL room 132 (Bldg. 660)

Email: cutkosky@stanford.edu

Organizers:

Rohan Sinha

Email: rhnsinha@stanford.edu

Rachel Thomasson

Email: rthom@stanford.edu

Location and time: Skilling Auditorium, Fridays, 12:30 - 1:30pm (April 5 - May 31)

Units: 1.

Course websites: <http://robotics.stanford.edu/seminar>

Course Content: Seminar talks by researchers and industry professionals on topics related to modern robotics and autonomous systems. Broadly, talks will cover robotic design, perception and navigation, planning and control, and learning for complex robotic systems.

Prerequisites: Students should be interested in robotics research; prior or concurrent attendance of foundational courses in robotics and robot autonomy (e.g., CS223A and AA274) is highly recommended.

Course Grade: Attendance will be taken during the seminar by filling out the form at this link: <https://forms.gle/toH1yQEVp5rGHPw98>. Students must attend at least 7 of 9 talks *live* (either in-person or via Zoom) during the quarter to receive credits. In other words, 2 seminars can be missed without penalty and without requiring make-up work.

If, on more than two occasions, you:

1. are unable to attend the seminar live, either in-person or on Zoom, or
2. you forgot to fill out the attendance form,

you may instead submit (via Canvas) a “late assignment,” which is a one paragraph review of the seminar. The lecture recordings can be found on Canvas under the tab “Panopto Course Videos.” For clarity, the requirement for credit is **# attendance form submissions + # late paragraphs \geq 7**.

Students with Documented Disabilities: Students who may need an academic accommodation based on the impact of a disability must initiate the request with the Office of Accessible Education (OAE). Professional staff will evaluate the request with required documentation, recommend reasonable accommodations, and prepare an Accommodation Letter for faculty dated in the current quarter in which the request is made. Students should contact the OAE as soon as possible since timely notice is needed to coordinate accommodations. The OAE is located at 563 Salvatierra Walk (phone: 723-1066, URL: <http://studentaffairs.stanford.edu/oae>).