Stanford

Dorsa Sadigh

Associate Professor of Computer Science, of Electrical Engineering and Senior Fellow at the Stanford Institute for Human-Centered AI

Bio

ACADEMIC APPOINTMENTS

- Associate Professor, Computer Science
- Associate Professor, Electrical Engineering
- Senior Fellow, Institute for Human-Centered Artificial Intelligence (HAI)
- Member, Wu Tsai Human Performance Alliance
- Member, Wu Tsai Neurosciences Institute

PROGRAM AFFILIATIONS

- Stanford SystemX Alliance

Teaching

COURSES

2024-25

- Artificial Intelligence: Principles and Techniques: CS 221 (Aut)
- Principles of Robot Autonomy II: AA 174B, AA 274B, CS 237B, EE 260B, ME 274B (Win)

2023-24

- Artificial Intelligence: Principles and Techniques: CS 221 (Aut)
- Principles of Robot Autonomy II: AA 174B, AA 274B, CS 237B (Win)

2022-23

- Artificial Intelligence: Principles and Techniques: CS 221 (Aut)
- Principles of Robot Autonomy II: AA 174B, AA 274B, CS 237B, EE 260B (Win)

STANFORD ADVISEES

Doctoral Dissertation Reader (AC)

Zeyi Liu, Austin Patel

Doctoral Dissertation Advisor (AC)

Jennifer Grannen, Joey Hejna, Priya Sundaresan

Orals Evaluator

Jennifer Grannen, Joey Hejna, Priya Sundaresan

Master's Program Advisor

Sahil Adhawade, Lucas Brennan-Almaraz, Anusheh Chaudry, Tanvi Deshpande, Julia Feldhaus, Eric Feng, Ameya Jadhav, Patrick Jovel, Vedant Khanna, Alec Lessing, Max Liu, Alan Ma, Phillip Miao, Vlad Vandalovsky

Doctoral Dissertation Co-Advisor (AC)

Max Du, Tian Gao, Satvik Sharma, Megha Srivastava, Jonathan Yang

Doctoral (Program)

Perry Dong, Jensen Gao, Jennifer Grannen, Jubayer Hamid, Joey Hejna, Hengyuan Hu, Suvir Mirchandani, Ajay Sridhar, Priya Sundaresan, Amber Xie, Sriram Yenamandra

Publications

PUBLICATIONS

- **Verifying Robustness of Human-Aware Autonomous Cars**
  Sadigh, D., Sastry, S., Seshia, S. A.
  ELSEVIER SCIENCE BV.2019: 131–38

- **Planning for cars that coordinate with people: leveraging effects on human actions for planning and active information gathering over human internal state**
  Sadigh, D., Landolfi, N., Sastry, S. S., Seshia, S. A., Dragan, A. D.
  SPRINGER.2018: 1405–26

- **Multi-Agent Generative Adversarial Imitation Learning**
  Song, J., Ren, H., Sadigh, D., Ermon, S.
  edited by Bengio, S., Wallach, H., Larochelle, H., Grauman, K., CesaBianchi, N., Garnett, R.
  NEURAL INFORMATION PROCESSING SYSTEMS (NIPS).2018

- **Maximizing Road Capacity Using Cars that Influence People**
  Lazar, D. A., Chandrasekher, K., Pedarsani, R., Sadigh, D., IEEE
  IEEE.2018: 1801–8