Socially Responsible Human Cyber-Physical Systems

Meeko Oishi, Ufuk Topcu, and Nok Wongpiromsarn

Outcomes

- How do we define socially responsible human CPS?

- What advances – technological, societal, etc. – are necessary to achieve socially responsible human CPS?

- What opportunities or resources are needed to achieve these advances?

Panelists

- Anuradha Annaswamy, Senior Research Scientist, Mechanical Engineering, Massachusetts Institute of Technology

- Lu Feng, Assistant Professor, Computer Science, University of Virginia

- Todd Murphey, Professor, Mechanical Engineering, Northwestern University

- Dorsa Sadigh, Assistant Professor, Computer Science, Stanford University

Schedule

1:15-1:30: Welcome and introduction

1:30-2:15: Speaker presentations

- Summary of research
- What does socially responsible human CPS mean to you?
- What advances – technological, societal, etc. – are necessary to achieve socially responsible human CPS?
- What opportunities or resources are needed to achieve these advances?

2:15-2:40: Moderated panel

2:40-2:45: Concluding remarks.

Moderated Q&A

- What do you think we can achieve in the next 5 years?

- If you could leave this session with a new, 5-year project, what would you work on?

- What can social science researchers bring to this area, and how do CPS researchers meaningfully engage with them?

- What advice do you have for CPS researchers to engage in new collaborations with social science collaborators?