

Human-centered Robotics & HRI

October 31, 1:00pm – 2:30pm

Organizer: Elaine Short, Tufts University, elaine.short@tufts.edu

Description: This workshop will focus on human-centered robotics and human-robot interaction: design of human-centered robot hardware and software as well as evaluations of such technologies with human participants. The workshop will begin with talks by researchers with active FRR/NRI projects on this topic, continue with aspiring PI lightning talks, and conclude with a breakout group discussion.

Agenda

1:00-1:10

Elaine Short, Tufts University

Welcome & Introductions

Talks

1:10-1:20

Daeun Song, Michigan State University

NSF-BSF: Culturally Adaptive Social Robot Navigation

1:20-1:30

David Fridovich-Keil, UT Austin

Collaborative Research: Interaction-aware Planning and Control for Robotic Navigation in the Crowd

1:30-1:40

Elaine Short, Tufts University

NRI Mutually Assistive Robotics

1:40-1:50

TBA

1:50-2:05 Aspiring PI Lightning Talks

2:05-2:25 Breakout group discussion

2:25-2:30 Closing