## NRI: Decision-making Foundations for Human-supervised Legged Robot Teams

Alberto Rigo, and Mohsen Sombolestan

- tasks while navigating uneven terrain.

- problem



### Applications

- Disinfection: spray-based disinfection via body manipulation in cluttered environments
- Logistics: warehouse management
- Disaster response: collaborative search & rescue over challenging terrain

### 2023 FRR & NRI Principal Investigators' Meeting May 2-3, 2023

# Quan Nguyen (PI), Satyandra Gupta (Co-PI), Yiyu Chen, Shengqiang Chen,







## **Broader Impacts**

- Monthly lab tours and outreach activities
- Youtube videos for the general public



# **USC**University of Southern California

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• Integrated research results into a new graduate course (Robot Dynamics and Control) Engaged 1 high-school student, 2 undergraduate students (1 female student)

Award ID#: 2133091

