

Program Agenda for 2024 NSF FRR/NRI PI Meeting (April 28-30, 2024, Hilton Baltimore Inner Harbor, MD)	
Arrival Night - Sunday, April 28, 2024	
6:00 PM – 9:00 PM	Early Registrants Check-in and Informal Networking Reception <i>2nd Floor Foyer & Key Ballroom</i>
Day 1 - Monday, April 29, 2024	
7:30 AM – 8:30 AM	Breakfast and Registration <i>Key Ballroom 8</i>
8:30 AM – 9:00 AM	NSF Welcome and Opening Remarks <i>Key Ballroom 6</i> Program Chairs: Cynthia Matuszek (UMBC) and Jie Yin (NCSU) NSF Officials: Juan Wachs and Jordan Berg
9:00 AM – 10:00 AM	Keynote I: Where is RobotGPT? <i>Key Ballroom 6</i> Dieter Fox, University of Washington & NVIDIA
10:00 AM – 10:30 AM	Break
10:30 AM – 11:30 AM	NRI PI Long Talks Session <i>Key Ballroom 6</i> 1. "Harnessing the Potential of Playful Social Robots across Life Phases" , Naomi Fitter, Oregon State University 2. "Cooperative Robotic Systems for Plant Health Management" , Nikolaos Papanikolopoulos, University of Minnesota 3. "Enhancing Agility, Safety, and Social Intelligence in Legged Navigation" , Ye Zhao, Georgia Institute of Technology 4. "Cognitive Robots in the Human World - Grounding Matters" , Joyce Chai, University of Michigan
11:30 AM – 12:30 PM	Dimensions in Diversity <i>Key Ballroom 6</i> "Human-Centered AI for Accessible and Assistive Robotics", Elaine Short, Tufts University "From Haptic Devices to Interactive Machines: Using Robotics to Help Students Ground Abstract Mathematical Concepts", Melisa Martinez, CMU
12:30 PM – 2:25 PM	Lunch (on your own) <i>Nearby Restaurants</i>
2:25 PM – 3:25 PM	Keynote II: Soft Medical Robots <i>Key Ballroom 6</i> Xuanhe Zhao, MIT
3:25 PM – 3:30 PM	Transition to Workshop
3:30 PM – 5:00 PM	Concurrent Workshops 1. Aspiring Robotics Principal Investigators (Invitation Only, Blue Group) <i>Key Ballroom 9</i> 2. Harnessing AI and Robotic Technologies for Smart and Precision Agriculture <i>Key Ballroom 10</i> 3. Vision and Challenges for Surgical Robotics <i>Key Ballroom 11</i> 4. Challenges and Opportunities for Dexterous Robotic Manipulation <i>Key Ballroom 12</i> 5. Opportunities, Challenges and Tools for Space Robotics and Autonomy <i>Key Ballroom 6</i>
5:00 PM – 7:00 PM	Poster/Demonstration/Networking Reception <i>Posters in 2nd Floor Foyer & Demos in Key Ballroom 8</i>
7:00 PM –	Dinner (on your own) <i>Nearby Restaurants</i>

Program Agenda for 2024 NSF FRR/NRI PI Meeting (April 28-30, 2024, Hilton Baltimore Inner Harbor, MD)		
Day 2 - Tuesday, April 30, 2024		
7:30 AM – 8:30 AM	Breakfast and Registration	<i>Key Ballroom 8</i>
8:30 AM – 8:45 AM	Welcome and Sponsor Remarks	<i>Key Ballroom 6</i>
8:45 AM – 9:45 AM	Keynote III: Robots (and Research) to the Rescue Robin R. Murphy, Texas A&M	<i>Key Ballroom 6</i>
9:45 AM – 10:45 AM	FRR PI Long Talks Session 1. "How to Catch Large Debris on Orbit: A Self-maneuvering Robotic Tether-net System" , Eleonora Botta, Univ. of Buffalo 2. "Active Bayesian Inference for Collaborative Robot Mapping" , Nikolay A. Atanasov, UCSD 3. "Resilient Low-Cost Underwater Robots through Co-Design of Algorithms and Sensors" , Alberto Quattrini Li, Dartmouth 4. "Demo2Code: From Summarizing Demonstrations to Synthesizing Code" , Sanjiban Choudhury, Cornell University	<i>Key Ballroom 6</i>
10:45 AM – 12:30 PM	Poster/Demonstration/Networking Reception <i>Posters in 2nd Floor Foyer & Demos in Key Ballroom 8</i>	
12:30 PM – 2:00 PM	Lunch (on your own)	<i>Nearby Restaurants</i>
02:00 PM – 3:30 PM	Concurrent Workshops 1. Aspiring Robotics Principal Investigators (Invitation Only, Red Group) 2. Challenges and Opportunities for Aerial Robots Across Scales 3. Taking the Fantastic Voyage: Small-Scale Robots as a Biomedical Technology 4. Addressing Safe Interaction Between Autonomous and Human-driven Vehicles 5. Safety of LfD Algorithms in the Wild	<i>Key Ballroom 9</i> <i>Key Ballroom 10</i> <i>Key Ballroom 11</i> <i>Key Ballroom 12</i> <i>Key Ballroom 6</i>
3:30 PM – 5:00 PM	Ask Me (almost) Anything Session Panel discussions with Federal Agencies Program Officers	<i>Key Ballroom 6</i>
5:00 PM – 5:30 PM	Closing Remarks Program Chairs: Cynthia Matuszek (UMBC) and Jie Yin (NCSU) NSF Officials: Juan Wachs and Jordan Berg	<i>Key Ballroom 6</i>
5:30 PM	Meeting adjourned	