Open Position: Post-doctoral position at the Collaborative Robotics and Intelligent Systems (CoRIS) institute, Oregon State University

Description: The successful candidate will develop a mix of novel robotics computer vision, visualizations and interfaces for grasping and manipulation. This mix is in support of enabling remote robotic grasp and manipulation testing. As part of their responsibilities, the candidate will oversee a diverse team of undergraduates and graduates working on both software and hardware related to robotic manipulation. The position is available immediately, and applicants will be reviewed as received. The duration of the position is up to two years, with a renewal after one year.

The team: This project is joint between Oregon State University's CoRIS Institute and the University of Massachusetts Lowell NERVE Center. The CoRIS Institute consists of nearly a dozen core faculty in Robotics and is highly collaborative both within the group and with their colleagues in AI and Machine Learning in EECS. Advising faculty for this project are Drs. Cindy Grimm and Ravi Balasubramanian. The NERVE Center is under the direction of Dr. Holly Yanco and is a state-of-the-art robotics testing facility. Both labs have regular interactions with the broader community, including industry and government labs.

Duties and Responsibilities: These include: 1) Developing a novel robotic grasping and manipulation benchmarking interface that supports remote testing, 2) Overseeing a diverse team of graduate and undergraduates across both institutions, and 3) Presentation of work at conferences and to industry and governmental sponsors.

Qualifications:
- PhD in a field related to Robotics, Computer vision, AI, Computer Graphics, or Visualization
- Experience with one (or more) of the following
    - Robotics software: ROS, MoveIt!, Mujoco, GraspIt!
    - Graphical software: Blender, Unity, Unreal
    - Computer vision software: OpenCV, AR Toolkit
    - Physical animation software: PhysX, Mujoco, Bullet
- Strong programming skills in one or more of: Python, C++
- Ability to communicate clearly across disciplines

Application: Please email to cindy.grimm@oregonstate.edu (subject line, post doc):
- A curriculum vitae
- A link to a research web site and to source code/data repositories (if available)
- A short statement about what your skill set is and what is of interest to you in a post doc
- Dates of availability

Questions? Contact Cindy Grimm (cindy.grimm@oregonstate.edu)