Introduction to Robotics CSCI/ARTI 4530/6530

Dr. Ramviyas Nattanmai Parasuraman,
Asst. Professor, Computer Science, UGA

09/24/2018

Department of Computer Science
Franklin College of Arts and Sciences
UNIVERSITY OF GEORGIA
1785

Announcements

○ Assignment 2 will be announced tonight.

○ Mid-term exam will be on Thursday (Oct 4).

Agenda

○ A quick recap on KF Localization

○ For today

    ○ Example implementation of Extended Kalman Filter Localization using simulated GPS measurements in Python: https://github.com/AtsushiSakai/PythonRobotics/tree/master/Localization/extended_kalman_filter

    ○ Recording and re-playing data in ROS using rosbag: http://wiki.ros.org/ROS/Tutorials/Recording%20and%20playing%20back%20data