



# ROS Workshop – Essex Wheelchair Tutorial

Dr. Mohammadreza A. Oskoei

15 – 18 March 2013

| Date           | Time          | Topic                                       | Room  |
|----------------|---------------|---|-------|
| Day 1 - Friday | 13:30 – 14:30 | Overview to Robot Planning                  | Class |
|                | 15:00 – 16:00 | Introduction - Robot Operating System (ROS) | Class |

| Date             | Time          | Topic  | Room  |
|------------------|---------------|--|-------|
| Day 2 - Saturday | 09:30 – 10:30 | ROS – Concepts & Packages  | Arena |
|                  | 11:00 – 12:00 | ROS tutorial – I<br>Installation, File system, workspace, overlay                    | Arena |
|                  | 13:00 – 14:00 | ROS tutorial – II<br>Creating package, Topics, Services,<br>Parameters, launch files | Arena |
|                  | 14:30 – 15:30 | Essex Wheelchair - HW/SW structure   | Arena |

| Date           | Time          | Topic                           | Room  |
|----------------|---------------|---------------------------------|-------|
| Day 3 - Monday | 09:30 – 10:30 | Essex Wheelchair ROS Package    | Arena |
|                | 11:00 – 12:00 | ROS Navigation – Building a map | Arena |