

## SUTURO 2016 Masterproject

### Kick-off Workshop, October 21<sup>st</sup>-23<sup>rd</sup>, 2016

#### Friday, October 21<sup>st</sup>: Presentations & Work Kick-off

<i>Time</i>	<i>Activity</i>	<i>Responsible</i>
10:00 – 11:00	Introduction <ul style="list-style-type: none"> <li>• Project Organization (Georg)</li> <li>• Intelligent Integrated Systems (Ferenc)</li> <li>• ROS Overview (Gheorghe)</li> <li>• ROS Development Tools (Daniel)</li> </ul>	Daniel, Ferenc, Georg, Gheorghe
11:00 – 11:45	Tutorial “A lightweight robot simulator using ROS” <ul style="list-style-type: none"> <li>• Workspace setup (Daniel)</li> <li>• URDF &amp; JointState &amp; RobotState (Daniel)</li> <li>• Boilerplate Controller Manager (Georg)</li> <li>• Markers &amp; A dummy command (Georg)</li> </ul>	Georg, Daniel
12:00 – 13:00	Lunch break	everyone
13:00 – 14:00	Tutorial “A package from scratch” <ul style="list-style-type: none"> <li>• roscpp (Ferenc)</li> <li>• roslisp (Gheorghe)</li> <li>• rospirolog (Daniel)</li> <li>• rospy (Georg)</li> </ul>	Daniel, Férenc, Georg, Gheorghe
14:00 – 14:30	Working with the PR2 <ul style="list-style-type: none"> <li>• Simulation using Gazebo (Ferenc)</li> <li>• Real PR2 (Gheorghe)</li> </ul>	Ferenc, Gheorghe
14:30 – 15:00	Coffee break	
15:00 – 16:00	Brainstorming session “First steps” <ul style="list-style-type: none"> <li>• formulate goals &amp; split into sub-groups</li> <li>• develop ideas &amp; choose representatives in sub-groups</li> </ul>	All students
16:00 – 17:00	Plenum “First steps” <ul style="list-style-type: none"> <li>• have representatives present ideas</li> <li>• make decisions on first steps as a group</li> </ul>	All students
17:00 – 20:00	Start Work & Pizza <ul style="list-style-type: none"> <li>• supervisors organize pizza &amp; help with questions</li> <li>• students start work</li> </ul>	Entire project

#### Saturday, October 22<sup>nd</sup> & Sunday, 23<sup>rd</sup>: Hackathon

<i>Time</i>	<i>Available Supervisor</i>
Saturday 9:30 – 14:30	Gheorghe
Saturday 14:30 – 19:30	Daniel
Sunday 9:30 – 14:30	Ferenc
Sunday 14:30 – 19:30	Georg