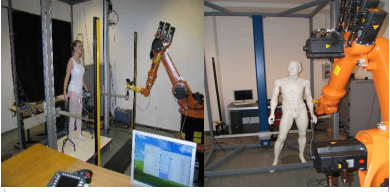
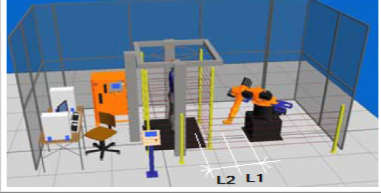
	<p><b>Name:</b> Olesya Ogorodnikova  <b>Email:</b> olessia@git.bme.hu</p> <p><b>Current affiliation:</b> PhD Student,  Budapest University of Technology and  Economics (BME)</p> <p><b>Home Country:</b> Russia</p>	 
<p><b>Thesis topic:</b></p> <p>Title: “ Human Robot Interaction: The Safety Challenge” (An integrated framework for human safety)</p> <p><b>Main research directions:</b>  1. <i>Human Centered Workplace Design</i>  2. <i>Safeguarding Systems and Risk Analysis for HRI</i></p>	<p><b>Principal research interests:</b></p> <p>Human Robot (Machine, Computer) Interaction.  Human Factor in Industrial Robotics. Safety and Dependability  Ergonomics  Cognitive engineering  Risk Assessment in HR cooperative tasks  Human Error Analysis  Expert Systems Development  Fuzzy Logic Application  Standardisation for robot safety</p>	<p><b>Relevant experience:</b>  BSc in Automation and Control, 2001  MSc in Mechanical Engineering; (specialization: Robotics), 2003;  Participation in “Ruharobot” project : Human scanning system with industrial robot application; Course: Robot Safety (at KUKA robotics, Hungary);  Development of Safety Expert System for Risk Assessment for H-R collaborative tasks</p> <p><b>Broader scope interests:</b>  Cognitive engineering, Situational Awareness, Human Perception, Behaviour</p>
<p><b>Award:</b></p> <p>The best paper award in the area of Robotics, IEEE, Human System Interaction Conference/ HSI, 2008, Krakow</p>	<p><b>Representative papers:</b></p> <p>O. Ogorodnikova, Creating an active awareness system for humans in robotic workcell, Acta Polytechnica Hungarica, Vol. 5, No.2, pp. 11-20, 2008;  O. Ogorodnikova, A Fuzzy Theory in the Risk Assessment and Reduction Algorithms for a Human Centered Robotics”, 18th IEEE Int. Symposium on Robot and Human Interactive Communication, RO-MAN, Toyama, Japan, 2009;  O. Ogorodnikova, An Integrated Safety Monitoring System Design for Human Robot Interactive Tasks, International Journal Automation Austria (IJAA), ISSN 1562-2703, 2010</p>	<p><b>Languages:</b></p> <p>Russian (mother tongue), English, German, French, Hungarian</p> <p><b>Dreams/Hobbies:</b></p> <p>I would be very happy if I could make a significant contribution in the field of robotics, especially in the area of HRI</p> <p>I love travelling and discovering the world, also reading, dancing, swimming, roll skating, biking...and many other things which I haven't experienced yet before, but which I would probably like after I did.</p>