

	<p>Name: Manuel Birlo Email: manuel.birlo@ensta.fr Website:</p> <p>Current affiliation: PhD student, Cognitive Robotics Lab/UEI, ENSTA ParisTech Other affiliations:</p> <p>Home Country: Germany</p>	
<p>Thesis topic:</p> <p>Development of a cognitive architecture that improves the interaction possibilities of a humanoid robot during an socially assistive long time therapy with a patient</p> <p>Main research directions: - overall research framework: Socially Assistive Robotics - special research directions: - improving the robot's capability to recognize and perceive humans that act in it's visual range as well as their internal states, attributes and activities - robot learning aspects: 1.) How to learn optimal models for verbal and non-verbal communication cues in order to achieve engagement and natural communication with the patient? 2.) How to adapt those models to individual the patient's needs and personalities?</p>	<p>Principal research interests:</p> <ol style="list-style-type: none"> 1.) humanoid robotics 2.) health care IT 3.) artificial intelligence 	<p>Relevant experience: First degree: Applied computer science in the natural sciences (2009)</p> <p>Relevant Specializations: specialization in robotics: robot dynamics and control, mobile robots, human robot interaction, social robots, artificial intelligence</p>
<p>Award:</p>	<p>Representative papers:</p>	<p>Languages: german, english, French</p> <p>Dreams/Hobbies: Since my motivation is to help people, I would like to be a successful researcher in the field of assistive robotics.</p> <p>I love to do sports in my spare time: body building, swimming, running.</p>