

**ROBOTICS / ROBOTIKA**

**Petek 13. oktober 2017 // Friday 13th October 2017**

**Hall / Predavalnica: Lecturing Room B1 / Predavalnica B1**

<b>9:00 – 11:00</b>	<p>Session A / Sekcija A</p> <p><b>Chair / Vodi: Aleš Ude</b></p>
<b>9:00 – 9:30</b>	<p>• <b>Gordon Cheng:</b> Plenary talk: Challenges in enabling robots with a sense of touch</p>
<b>9:30 – 9:45</b>	<p>• <b>Koh Hosoda:</b> Soft Humanoid Robots</p>
<b>9:45 – 10:00</b>	<p>• <b>Miha Dežman and Andrej Gams:</b> Extending the Workspace of Pseudo-Linear Variable-Lever Variable Stiffness Actuator</p>
<b>10:00 – 10:15</b>	<p>• <b>Florian Berger, Emmanuel Dean-Leon and Gordon Cheng:</b> Event-Driven Systems for Efficient Reactive Control with Large Scale Robot Skin</p>
<b>10:15 – 10:30</b>	<p>• <b>Andrej Gams and Aleš Ude:</b> Compliant Bimanual Actions through Learning of Primitives</p>
<b>10:30 – 10:45</b>	<p>• <b>Emmanuel Dean-Leon and Gordon Cheng:</b> Integrating Multi-modal Tactile Signals to a Compliant Control to Improve physical HRI</p>
<b>10:45 – 11:00</b>	<p>• <b>Miha Deniša and Aleš Ude:</b> Collaborative Tasks Synthesis through a Hierarchical Database</p>
<b>11:00 – 11:30</b>	<p><b>Coffee Break / Odmor za kavo</b></p>

<b>11:30 – 13:00</b>	<p><b>Session B / Sekcija B</b></p> <p><b>Chair / Vodi: Andrej Gams</b></p>
<b>11:30 – 11:45</b>	<p>• <b>Robert Bevec, Timotej Gašpar, Barry Ridge, Martin Bem, Igor Kovač, Žiga Gosar and Aleš Ude:</b> Active Reconfiguration of Software and Hardware in a Robotic Workcell</p>
<b>11:45 – 12:00</b>	<p>• <b>Karinne Ramirez-Amaro and Gordon Cheng:</b> Semantic Reasoning under Realistic Conditions</p>
<b>12:00– 12:15</b>	<p>• <b>Barry Ridge:</b> SMACHA: An API for Rapid State Machine Assembly</p>
<b>12:30 – 13:00</b>	<p><b>Svečana prireditev / CONFERENCE CEREMONY</b> (@ Velika predavalnica Instituta "Jožef Stefan")</p>
<b>12:40 – 12:55</b>	<p><b>Awards of IS2017 / Nagrade IS2017</b></p> <p><b>Prof. Dr. Bojan Orel, IS Programme Chair</b></p> <p><b>Prof. Dr. Matjaž Gams, IS Organization Chair</b></p> <p><b>Dr. Mitja Luštrek, SLAIS President</b></p> <p><b>Niko Schlamberger, President of Slovenian Society Informatika</b></p> <p><b>10.ITTC: Awards ceremony – competition for the best innovation with commercial potential in the year 2017</b> <b>10.ITTC Programme Chair / Members of the evaluation commission</b></p>
<b>12:55 – 13:00</b>	<p><b>Musical Performance / Glasbena točka</b></p>
<b>13:00 – 14:00</b>	<p><b>Zabava s prigrizki / Coctail party</b> <b>Torta ob 20 letnici / Anniversary cake</b></p>