



Contribution ID: 20

Type: **not specified**

DGR Days Session - Walking & Wearable Robotics

Thursday, October 7, 2021 12:00 PM (1h 30m)

12:00

Bio-Inspired Compliant Motion Control in the Context of Bipedal Locomotion
<i>Patrick Vonwirth and Karsten Berns</i>

12:12

Effective Viscous Damping for Legged Robots
<i>An Mo, Fabio Izzi, Daniel Haeufle and Alexander Badri-Spröwitz</i>

12:24

Questions around the Catapult Mechanism in Human Legged Locomotion
<i>Bernadett Kiss, Alexandra Buchmann, Daniel Renjewski and Alexander Badri-Spröwitz</i>

12:36

Learning of Walking Gait Controllers for Magnetic Soft Millirobots
<i>Sinan Özgün Demir, Utku Culha, Sebastian Trimpe and Metin Sitti</i>

12:48

Rigid, Soft, Passive, and Active: a Hybrid Occupational Exoskeleton
<i>Francesco Missiroli, Nicola Lotti, Enrica Tricomi, Casimir Bokranz, Ryan Alicea and Lorenzo Masia</i>

13:00

Underactuated Soft Hip Exosuit Based on Adaptive Oscillators
<i>Enrica Tricomi, Nicola Lotti, Francesco Missiroli, Xiaohui Zhang and Lorenzo Masia</i>

13:12

The Benefit of Muscle-Actuated Motion in Optimization and Learning
<i>Isabell Wochner and Syn Schmitt</i>

Session Classification: DGR Days