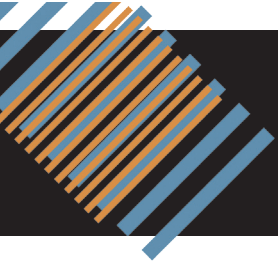


Wednesday - June 29, 2011

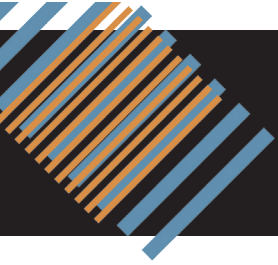
INRS	ICVR	ICORR
<b>07:30 – 08:00</b> Welcome coffee and registration		
<b>08:00 – 08:20</b> (G1, G2) Welcome address		
<b>08:20 – 09:00 Keynote lecture</b> (G1, G2) Cognitive Neuro-Prosthetics: From virtual limbs and avatars to robotic chairs <i>Olaf Blanke</i>		
<b>09:00 – 09:40 Keynote lecture</b> (G1, G2) Rehabilitation robotics – closing the gap between expectation and current clinical performance <i>Zev Rymer</i>		
<b>09:40 – 10:20</b> (G1, G2) Interactive podium presentation, fast forward (45s each)		
<b>10:20 – 10:50</b> Coffee break/poster/exhibition	<b>10:20 – 10:50</b> Coffee break/poster/exhibition	<b>10:20 – 11:15</b> Poster session 1/exhibition/coffee break
<b>10:50 – 11:15</b> (G2) Robot-assisted neurorehabilitation for children: some non-evidence based considerations <i>Andreas Meyer-Heim</i>	<b>10:50 – 12:35</b> (G3) Podium session 8 VR training for pain and disability	
<b>11:15 – 11:40</b> (G2) Robotic locomotor training: More than going through the motions <i>Carolynn Patten</i>		
<b>11:40 – 12:05</b> (G2) Clinical evidence for upper-extremity rehabilitation in chronic stroke and implications for use of robotic technology: results of VA ROBOTIC clinical trial <i>Albert Lo</i>		
<b>12:05 – 12:30</b> (G2) Measuring and augmenting Locomotor recovery after SCI with spinal cord stimulation <i>Keith Tansey</i>		
<b>12:30 – 14:00</b> Lunch/poster/exhibition		
<b>11:15 – 12:30</b> (G1) Podium session 1 5 x 15 min (12 + 3 min)  Orthotics and prosthetics		





<b>14:00 – 14:40 Keynote lecture (G1, G2)</b> The future of neurorehabilitation: best practice is theoretically inspired, grounded in science and patient-centered <i>Carolee Winstein</i>	
<b>14:40 – 15:20 Keynote lecture (G1, G2)</b> TUM Agetech: A framework for pervasive medical devices for elderly <i>Tim Lüth</i>	
<b>15:20 – 16:00 (G1, G2)</b> Interactive podium presentation, fast forward (45s each)	
<b>16:00 – 16:30</b> Coffee break/poster/exhibition	<b>16:00 – 17:00</b> Poster session 2/exhibition/coffee break
<b>16:30 – 16:50 (G2)</b> The impact of robotic technologies in neurorehabilitation and for assistive devices: lesson learnt and perspectives <i>Franco Molteni</i>	<b>16:30 – 17:30 (G3)</b> Podium session 9 Rehabilitation for children
<b>16:50 – 17:10 (G2)</b> Biomimetic upper limb NMES integrated with eye tracking in hybrid assistive exoskeletons <i>Giancarlo Ferrigno</i>	
<b>17:10 – 17:30 (G2)</b> EMG-controlled functional electrical stimulation: devices and methods <i>Thomas Schauer</i>	
<b>17:30 – 17:50 (G2)</b> Robotic technologies for multiple sclerosis <i>Vittorio Sanguinetti</i>	<b>17:30 – 18:00 (G3)</b> Awards and farewell
<b>17:50 - 18:10</b> Transfer to gala dinner location at the venue Lake Side Zurich ( <a href="http://www.lake-side.ch">www.lake-side.ch</a> ). Several buses at different times will be organized.	
<b>17:00 – 18:00 (G1)</b> Podium session 2 4 x 15 min (12 + 3 min)  Neuroprosthetics & Brain Machine Interfaces	

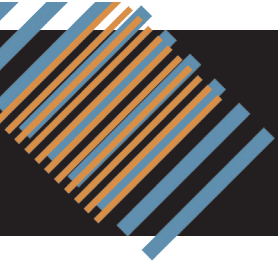




**Thursday - June 30, 2011**

ICORR
<b>08:30 – 09:00</b> Welcome coffee
<b>09:00 – 09:40 Keynote lecture (G1)</b> Neuromuscular model of human walking: implication on prosthetic leg design <i>Hugh Herr</i>
<b>09:40 – 10:20 (G1)</b> Fast-forward session (45s each)
<b>10:20 – 11:15</b> Poster session 3 and exhibition/coffee break
<b>11:15 – 12:30 (G1)</b> Podium session 3 5 x 15 min (12 + 3 min)  Evaluation & clinical experience
<b>12:30 – 13:45</b> Lunch
<b>13:45 – 14:30 (G1)</b> User involvement session  The loss of independence is a major point of concern after disease or accident. Five people, who experienced physical constraints as a result of accidents, stroke, or blindness, will talk about the challenges they face in daily life. They will share with us their experiences with robotics as therapeutic tools and daily life aids, how these robotics facilitate their independence, and which technical changes could further improve their activities and participation in daily life.
<b>14:30 – 15:30 (G1)</b> Podium session 4 4 x 15 min (12 + 3 min)  Upper limb robotics
<b>15:30 – 16:00 (G1)</b> Fast-forward session (45s each)
<b>16:00 – 17:00</b> Poster session 4 and exhibition/coffee break
<b>17:00 – 18:00 (G1)</b> Podium session 5 4 x 15 min (12 + 3 min)  Orthotics
<b>18:00</b> Welcome reception and lab visits at ETH Dome





**Friday - July 1, 2011**

<b>ICORR</b>			
<b>07:30 – 09:00</b> Welcome coffee			
<b>07:45 – 08:50 (G1)</b> ICORR society kick-off <i>J. Patton, R. Loureiro, W. Harwin</i>			
<b>09:00 – 09:40 Keynote lecture (G1)</b> Robotic and neuroprosthetic systems for neurorehabilitation after spinal cord injury <i>Grégoire Courtine</i>			
<b>09:40 – 10:20 (G1)</b> Fast-forward session (45s each)			
<b>10:20 – 11:15</b> Poster session 5 and exhibition/coffee break			
<b>11:15 – 12:15 (G1)</b> Podium session 6 4 x 15 min (12 + 3 min)  Neuroscience robotics			
<b>12:30 – 13:45 (G1)</b> Awards & closing ceremony Lunch/exhibition			
<b>ICORR workshops</b>			
<b>13:45 – 15:45 (G1)</b> Implementation of impairment based rehabilitation robotics <i>J. P. A. Dewald</i>	<b>13:45 – 15:45 (G2)</b> Detecting motor intention in rehabilitation <i>K. Ito, K. Nagai</i>	<b>13:45 – 18:15 (G5)</b> Clinical insights for rehabilitation engineers <i>J. Burridge, A.-M. Hughes, P. Feys, A. Timmermans, G. Prange, J. Buurke</i>	<b>13:45 – 18:15 (G4)</b> Physiological principles of locomotion required for robot design <i>V. Dietz, A. König, H. Vallery, R. Ronsse</i>
<b>15:45 – 16:15</b> Coffee break			
<b>16:15 – 18:15 (G1)</b> Motor skill learning and neuro-rehabilitation <i>V. Sanguineti, E. Burdet</i>	<b>16:15 – 18:15 (G2)</b> Brain-computer interfaces for communication and control <i>M. Zeintlinger</i>		

