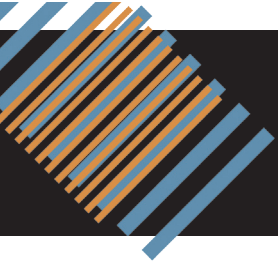


## Program at a glance

Monday - June 27, 2011

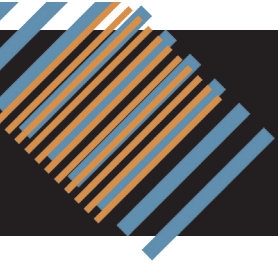
INRS				ICVR
<b>08:00 – 09:30</b> Coffee and registration				<b>08:00 – 08:30</b> Coffee and registration
<b>09:30 – 12:00</b> (HPH, G1) Robotics in the rehabilitation of upper limb function in SCI <i>Armin Curt</i>	<b>09:30 – 11:30</b> (HPH, G2) Very early rehabilitation <i>Andreas Luft</i>	<b>09:30 – 10:30</b> (HPV, G4) Implementation of robotics in clinical settings <i>Leslie VanHiel</i> <i>Kerstin Baldauf</i> <i>Chan Kay Fei</i>	<b>09:30 – 10:30</b> (HPV, G4) Non invasive spinal assessment <i>Cesare Mannhart</i>	<b>08:30-12:00</b> (HCI, J3) Virtual Reality Technology for the Therapist <i>Greg Burdea, Albert Rizzo, Patrice Weiss</i>
	<b>10:30 – 11:00</b> Coffee break/poster/exhibition		<b>11:00 – 12:00</b> (HPV, G4) Virtual reality-based rehabilitation with YouGrabber and YouKicker <i>Oliver Ullmann</i> <i>Daniel Kiper</i>	<b>09:30-12:00</b> (HCI, J4) Virtual Reality for Arm Therapy <i>Andreas Luft</i>
<b>11:30 – 12:30</b> (HPH, G1) Erigo basic <i>Arash Dodge</i>	<b>11:00 – 12:00</b> (HPH, G3) Lokomat basic <i>Julia Bühlmeier</i>	<b>08:30-12:00</b> (HCI, J6) Microsoft Kinect/Prime-sense Sensing Systems for Virtual Rehabilitation <i>Belinda Lange &amp; Albert Rizzo</i>		
<b>12:00 – 13:00</b> Lunch/poster/exhibition	<b>12:30 – 13:00</b> Lunch/poster/exhibition	<b>12:00 – 13:00</b> Lunch/poster/exhibition		<b>08:30-12:00</b> (HCI, J7) Successful operational deployment of telerehabilitation <i>Henry Mulder et al.</i>
<b>13:00 – 15:15</b> (HPH, G1) Robot-supported locomotor training in pediatric neurorehabilitation: application, assessment and achievements <i>Huub van Hedel</i>	<b>13:00 – 14:00</b> (HPH, G2) ArmeoPower basic <i>Alexander Duschau-Wicke</i>	<b>13:00 – 14:00</b> (HPH, G3) Lokomat advanced <i>Julia Bühlmeier</i>	<b>13:00 – 14:00</b> (HPV, G4) Pablo Plus - upper limb rehabilitation <i>Maik Hartwig</i>	<b>13:00 – 13:15</b> (G5) Conference welcome Kynan Eng, Daniel Thalmann
	<b>14:00 – 14:15</b> Coffee break/poster/exhibition			<b>13:15 – 14:00</b> (G5) Podium session 1 Sensory impairment
	<b>14:15 – 15:15</b> (HPH, G2) ArmeoSpring basic <i>Peter Schenk</i>	<b>14:15 – 15:15</b> (HPH, G3) Valedo basic <i>Jan Kool</i> <i>Eelco Sengers</i>	<b>14:15 – 15:15</b> (HPV, G4) Amadeo - advanced fingerrehabilitation <i>Goncalo Goncalves</i>	<b>14:00 – 15:15</b> (G5) Podium session 2 Posture and balance
<b>15:15</b> End of workshops				<b>15:15 – 15:45</b> Coffee break/poster/exhibition
<b>15:45</b> Start social event INRS 2011 hosted by Hocoma				<b>15:45 – 17:00</b> (G5) Podium session 3 Post-stroke rehabilitation
				<b>18:30 – 20:00</b> Welcome drink Zunfthaus zur Meisen



Tuesday - June 28, 2011

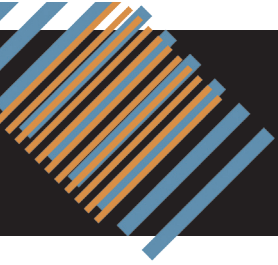
INRS	ICVR
<b>08:30 – 09:00</b> Welcome coffee and registration	
<b>09:00 – 09:10 (G1)</b> Welcome address	
<b>09:10 – 09:45 Keynote lecture (G1)</b> Physiological rationale for Assist-as-Needed control in facilitation of recovery of stepping <i>Reggie Edgerton</i>	
<b>09:45 – 10:20 Keynote lecture (G1)</b> Virtual Rehabilitation: Emerging opportunities and challenges for promoting access <i>Skip Rizzo</i>	
<b>10:20 – 10:50</b> Coffee break/poster/exhibition	
<b>10:50 – 11:15 (G2)</b> Clinical application of neuroscientifically based interventions for the neurologically disabled patient <i>Susan Woll, Jan Utley</i>	<b>10:50 – 11:50 (G3)</b> Podium session 4 Games for rehabilitation
<b>11:15 – 11:40 (G2)</b> fNIRS monitoring of neurorehabilitation <i>Ichiro Miyai</i>	
<b>11:40 – 12:05 (G2)</b> What should we really be doing? Lessons from 15 years of chronic stroke rehabilitation research <i>Jill Whittall</i>	<b>11:50 – 12:35 (G3)</b> Podium session 5 Upper limb rehabilitation
<b>12:05 – 12:30 (G2)</b> Strategies for neuromuscular recovery after spinal cord injury <i>Susan Harkema</i>	
<b>12:30 – 14:00</b> Lunch/poster/exhibition	
<b>14:00 – 14:25 (G2)</b> Acceptance of impairment based rehabilitation robotics in the clinic and at home, what is required? <i>Jules Dewald</i>	<b>14:00 – 14:45 (G3)</b> Improving impaired balance function for posture and gait: on-line versus carry-over effects of prosthetic feedback <i>John Allum</i>
<b>14:25 – 14:50 (G2)</b> Clinical use of Rehabilitation Robotics: Getting to best practices <i>Michael Boninger</i>	
<b>14:50 – 15:15 (G2)</b> Translating upper limb rehabilitation technologies into clinical practice: what are the critical determinants? <i>Jane Burridge</i>	<b>14:45 – 16:00 (G3)</b> Podium session 6 Gait, locomotion, navigation





<b>15:15 – 15:35 (G2)</b> Physiological basis of an effective training after a stroke or spinal cord injury <i>Volker Dietz</i>	
<b>15:35 – 16:30</b> Coffee break/poster/exhibition	<b>16:00 – 16:30</b> Coffee break/poster/exhibition
<b>16:30 – 16:35 (G2)</b> Evidence versus experience – Introduction <i>Andreas Luft</i>	<b>16:30 – 17:30 (G3)</b> Podium session 7 Rehabilitation for brain injuries
<b>16:35 – 16:50 (G2)</b> The evidence so far and what should we do next <i>John Krakauer</i>	
<b>16:50 – 17:00 (G2)</b> Clinical trial methodology <i>Michael Weller</i>	
<b>17:00 – 17:20 (G2)</b> Practical Considerations in Formulating Stroke Rehabilitation Clinical Trials <i>Steve Wolf</i>	
<b>17:20 – 18:00 (G2)</b> Roundtable discussion: Evidence versus experience	<b>17:30 – 18:30 (G3)</b> ISVR members meeting

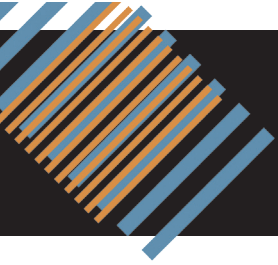




Wednesday - June 29, 2011

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 – 12:30</b> (G1) Podium session 1 5 x 15 min (12 + 3 min)  Orthotics and prosthetics
<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>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	

