

Wearable Technology and Human – Wearable Robot Interaction

IEEE RO-MAN 2014 Workshop

DATE

Monday **August 25, 2014.**

SCHEDULE

08:00 – 09:00		Registration
09:00 – 09:50	09:00 – 09:25 (20min + 5min roundup)	A Comparison of Amplifiers for Wearable EMG Devices in Assistive Robotics Applications <i>V. Dimitrov, N. Cebry, T. Padir</i>
	09:25 – 09:50 (20min + 5min roundup)	Development of a Wearable Monitoring System for Service Dogs <i>J. De Seabra, Y. Rybarczyk, A. Batista, P. Rybarczyk, M.C. Lebret, D. Vernay</i>
09:50 – 10:30	Keynote talk	Motivating Human Interaction with a Modular Robotic Approach to Wearable: what to learn from Peter Gabriel's live performances <i>Prof. Henrik H. Lund, Technical University of Denmark</i>
10:30 – 11:00		Coffee/Tea Break
11:00 – 12:30	11:00 – 11:25 (20min + 5min roundup)	Object Handover Prediction using Gaussian Processes clustered with Trajectory Classification <i>M. Lang, S. Endo, O. Dunkley, S. Hirche</i>
	11:25 – 11:50 (20min + 5min roundup)	Recognition of Human Activities through Wearable Accelerometers <i>B. Bruno, F. Mastrogiovanni, A. Sgorbissa</i>
	11:50 – 12:15 (20min + 5min roundup)	MDRO – A Modular Daily Routine Ontology for Assisted Living <i>M. Franke, I. Keller, T. Schlegel</i>
12:15 – 12:30	Wrap up	Wrap up & conclusions <i>Prof. Fulvio Mastrogiovanni, University of Genova</i>
12:30 – 13:30		Lunch

CONTACTS

Workshop website: <http://humanwearablerobotinteraction.co.nf/>

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