

IJCAI 2009
Workshop on Intelligent Systems for Assisted Cognition
(W18)

Sunday, July 12, 2009

Working Notes
Not for Citation

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Talks

* 2007 MSR grant competition winners

8:30	* Matthew L. Lee & Anind K. Dey. <i>Lifeloggging Memory Appliance for People with Episodic Memory Impairment.</i>	4
9:00	Jesse Hoey, Brandi Richards, Scott Blunsden, Jane Burns, Tom Bartindale, Dan Jackson, Patrick Olivier, Jennifer Boger & Alex Mihailidis. <i>ePAD: Engaging Platform for Art Development.</i>	15
9:30	* Alan Liu, Harlan Hile, Gaetano Borriello, Pat Brown, Mark Harniss, & Kurt Johnson. <i>Automatic Direction Selection in a Wayfinding System for Individuals with Cognitive Impairments.</i>	21
10:00	Jérémy Bauchet, Sylvain Giroux, H�el�ene Pigot, Dany Lussier-Desrochers, Yves Lachapelle, & Mounir Mokhtari. <i>For some useful and usable acts of assistance when guiding people with cognitive impairments to complete activities.</i>	29
10:30	Coffee Break	
11:00	Richard Levinson, Dave Halper, Craig Harman, & Henry Kautz. <i>A Conversational Cognitive Aid with Activity Monitoring, Planning and Execution.</i>	37
11:30	* Sonya Nikolova, Jordan Boyd-Graber, Christiane Fellbaum, & Perry Cook. <i>Better Vocabularies for Assistive Communication Aids: Connecting Terms using Semantic Networks and Untrained Annotators.</i>	45
12:00	Lunch Break	
1:30	Alessandra Mileo & Roberto Bisiani. <i>Context aware Prediction and Prevention to Extend Healthy Life Years: Preventing Falls</i>	53
2:00	* Gondy Leroy, Gianluca De Leo. <i>An Online Community for Teachers to Support, Observe, Collect and Evaluate Assisted Communication with Children with Autistic Spectrum Disorder.</i>	N/A
3:00	Coffee Break	
3:30	Poster Session	
4:30	Mark Riedl, Jackie Isbell, Rosa Arriaga, Fatima Boujarwah, Hwajung Hong, & L. Juane Heflin. <i>Toward Assisted Authoring of Social Skill Scenarios for Young Adults with High Functioning Autism.</i>	61
5:00	* Gregory Abowd, James Rehg, Rosa Arriaga. <i>Behavioral Imaging Technologies to Support Early Detection of ASD.</i>	N/A
5:30	* Amedeo Cesta. <i>A Software Framework for Domestic Cognitive Training Services.</i>	N/A

Posters

	Maxime La Placa, Hélène Pigot, & Froduald Kabanza. <i>Assistive planning for people with cognitive impairments.</i>	69
	Stephen Thielke, Mark Harniss, & Hilaire Thompson. <i>Health-Related Technologies, Core Human Needs, and Behavioral Change.</i>	76
	Adriana Tapus, Cristian Tapus, & Maja Mataric. <i>Music Therapist Robot: A Solution for Helping People with Cognitive Impairments.</i>	83
	Keith Purrington, James Boerkoel, Jr. & Edmund Durfee. Solving Decoupled Constraint Optimization Problems for Online Cognitive Orthotic Scheduling Agents.	89
	Jeffrey Junfeng Pan, Seth Teller, & Qiang Yang. <i>Semi Supervised Localization via Action Respecting Manifold.</i>	97

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