

2014 IEEE Symposium on Computational Intelligence for Human-like Intelligence

(CIHLI 2014)

**Orlando, Florida, USA
9-12 December 2014**



**IEEE Catalog Number: CFP14ZAB-POD
ISBN: 978-1-4799-4505-4**

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Wednesday, December 10

9:20AM-10:00AM

CIHLI'14 Keynote Talk

Towards Human-Like Intelligence: A Self-Organizing Neural Network Approach
Ah-Hwee Tan

10:20AM-12:00PM

CIHLI'14 Session 1: Various Aspects of Human-Level Intelligence

Chair: Jacek Mandziuk

10:20AM	<i>Immersive Virtual Reality Environment of a Subway Evacuation on a Cloud for Disaster Preparedness and Response Training</i>	1
	Sharad Sharma, Shanmukha Jerripothula, Stephon Mackey and Oumar Soumare	
10:40AM	<i>Autonomic Behaviors in an Ambient Intelligence System</i>	7
	Alessandra De Paola, Pierluca Ferraro, Salvatore Gaglio and Giuseppe Lo Re	
11:00AM	<i>On efficiency-oriented support of consensus reaching in a group of agents in a fuzzy environment with a cost based preference updating approach</i>	15
	Dominika Golunska, Janusz Kacprzyk and Slawomi Zadrozny	
11:20AM	<i>HICMA: A Human Imitating Cognitive Modeling Agent using Statistical Methods and Evolutionary Computation</i>	22
	Magda Fayek and Osama Farag	
11:40AM	<i>A Cortex-inspired Episodic Memory Toward Interactive 3D Robotic Vision</i>	30
	Abdul Rahman Abdul Ghani and Kazuyuki Murase	

1:30PM-3:10PM

Special Session: CIHLI'14 Session 2: Grounded Cognition, Creativity and Motivated Learning

Chair: Kathryn Merrick and Janusz Starzyk

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	Kathryn Merrick	
1:50PM	<i>Self-Motivated Learning of Achievement and Maintenance Tasks for Non-Player Characters in Computer Games</i>	44
	Hafsa Ismail, Kathryn Merrick and Michael Barlow	
2:10PM	<i>Effective Motive Profiles and Swarm Compositions for Motivated Particle Swarm Optimisation Applied to Task Allocation</i>	52
	Medria Hardhienata, Kathryn Merrick and Valery Ugrinovskii	
2:30PM	<i>Applying Behavior Models in a System Architecture</i>	60
	Bruce Toy	
2:50PM	<i>Advancing Motivated Learning with Goal Creation</i>	70
	James Graham, Janusz Starzyk, Zhen Ni and Haibo He	

3:30PM-5:10PM

CIHLI'14 Session 3: Applications

Chair: Jacek Mandziuk and Janusz Starzyk

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	Steve Strain, Sean Kugele and Stan Franklin	
3:50PM	<i>Two-Phase Multi-Swarm PSO and the Dynamic Vehicle Routing Problem</i>	<i>86</i>
	Michal Okulewicz and Jacek Mandziuk	
4:10PM	<i>Proactive and Reactive Risk-Aware Project Scheduling</i>	<i>94</i>
	Karol Waledzik, Jacek Mandziuk and Slawomir Zadrozny	
4:30PM	<i>Towards Intelligent Caring Agents for Aging-In-Place: Issues and Challenges</i>	<i>102</i>
	Di Wang, Budhitama Subagdja, Yilin Kang, Ah-Hwee Tan and Daqing Zhang	
4:50PM	<i>A Rapid Learning and Problem Solving Method: Application to the Starcraft Game Environment</i>	<i>110</i>
	Seng-Beng Ho and Fiona Liausvia	

Thursday, December 11

5:10PM-6:45PM

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