

7th International Workshop on Neural-Symbolic Learning and Reasoning

NeSy'11

IJCAI 2011, Barcelona, Spain
Sunday, 17 July 2011

Program

08.30 – 09.30	Registration
09.30 – 10.30	Keynote talk: Robert Kowalski. The Connection Graph Proof Procedure as a Logical-Connectionist Model of the Mind
10.30 – 11.00	Andreas Wichert. Neural Sub-Symbolic Reasoning
	coffee break
11.30 – 12.00	Christian Huyck, Roman Belavkin, Fawad Jamshed, Kailash Nadh, Peter Passmore, Emma Byrne and Dan Diaper. CABot3: A Simulated Neural Games Agent
12.00 – 12.30	Gadi Pinkas, Priscila Lima and Shimon Cohen. Compact Crossbars of Multi-Purpose Binders for Neuro-Symbolic Computation
12.30 – 13.00	Silvano Colombo Tosatto, Guido Boella, Leon Van Der Torre, Artur d'Avila Garcez and Valerio Genovese. Embedding Normative Reasoning into Neural-Symbolic Systems
	lunch break
14.00 – 14.30	Leo de Penning. A Neural-Symbolic Cognitive Agent for Online Learning and Reasoning
14.30 – 15.00	Michelangelo Diligenti, Marco Gori and Marco Maggini. Towards Developmental AI: The Paradox of Ravenous Intelligent Agents
15.00 – 15.30	Yoshiaki Gotou, Wataru Makiguchi and Hajime Sawamura. Extracting Argumentative Dialogues from the Neural Network that Computes the Dungean Argumentation Semantics
15:30 – 16:30	Posters and Demos: Leo de Penning. Visual Intelligence using Neural-Symbolic Learning and Reasoning (demo) Silvano Colombo-Tosatto. Neural-Symbolic Learning: How to Play Soccer (demo) Norbert Tsopze, Engelbert Mephu Nguifo and Gilbert Tindo. Extracting both MofN rules and If-Then rules from Trained Neural Networks (poster) Ekaterina Komendantskaya and Qiming Zhang. SHERLOCK - An Interface for Neuro-Symbolic Networks (poster)
	coffee break
17:00 – 18:00	Discussion: Directions for Neural-Symbolic Computation

Universitat de Barcelona, Historical Building, room T2