34th Soar Workshop   June 16-20, 2014
2260 Hayward Street, BBB Building, UM North Campus

Time		Presenter	Topic
Monday		1670 BBB	
9:00-5:00			Soar Lego Mindstorms Tutorial

Time		Presenter	Topic
Tuesday		1690 BBB	
9:00-5:00			Soar Lego Mindstorms Tutorial
6:00-8:30		Welcome Dinner	Arbor Brewing Company, 114 E Washington St. Sponsored by Soar Technology

Time		Presenter	Topic
Wednesday		1670 BBB	
8:30-9:00	30		Registration
9:00-10:15	75		
	15		Introductions
	15	Mazin Assanie	Soar 9.3.3 Release and Beyond
	15	Aaron Mininger	SVS Release + Relevant Info
	10	Bob Marinier	JSoar Update
	20	Mazin Assanie	Generalized Chunking - A Year Later
10:15-10:45	30	Break	
10:45-12:00	75		
	15	John Laird	Interactive Task Learning as an AI Research Problem
	20	Shiwali Mohan	Learning Hierarchical Tasks from Situated Interactive Instruction
	20	James Kirk	Learning Tasks through Situated Interactive Instruction
	20		Discussion
12:00-1:30	90	Lunch	
1:30-3:00	90		
	15	Mike van Lent	Dynamic Tailoring for Teaching Social Skills
	15	Mikhail Jacob	Viewpoints AI - Improvisational Dance / Contemporary Movement AI
	15	Mikhail Jacob	Computational Representations of Pretend Play
	15	Alex Turner	Michigan Liar's Dice
	15	Nate Derbinsky	The Boundary Forest Algorithm for Fast Online Learning of High-Dimensional Data
	15		Discussion
3:00-3:30	30	Break	
3:30-5:00	90		
	15	Scott Hanford	Autonomous Mission Management for UUVs
	20	Aaron Mininger	Using Top-Down Knowledge in Soar to Maintain Object Identity
	15	Jesse Frost	Perceptual Hierachical Grouping using Soar
	15	Mike van Lent	Soar Tech Overview
	25		Discussion
6:30-9:00		Workshop Dinner	311 Windy Crest Drive, Ann Arbor, MI 48105

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Thursday		1670 BBB	
9:00-10:15	75		
	15	Jesse Frost	The Street Engine: A Hardware Architecture for Parallel Production Systems
	30	Mitchell Bloch	Rete for Relational Reinforcement Learning
	20	Justin Li	Tradeoffs Between Procedural and Preemptive Stratgeies for Goal Reactivation
	10		Discussion
10:15-10:45	30	Break	
10:45-12:00	75		
	20	Peter Lindes	Soar and Construction Grammar
	20	John Laird	A Construction Grammar Parser in Soar
	15	Justin Li	Retracing the Rational Analysis of Memory
	20		Discussion
12:00-1:30	90	Lunch	
1:30-3:00	90		
	15	Alex Nickels	Extending Semantic Memory with Math Queries
	20	Steven Jones	Activation Current and Future Work
	10	Steven Jones	SMem debugging commands
	20	Jesse Frost	Realising Soar Long Term Memory in Hardware
	25	Justin Li	SMEM Discussion
3:00-3:30	30	Break	
3:30-5:00	90		Soar Tutorial Finals Mindstorms Competition

Friday		1670 BBB	
9:00-10:15	75		
	15	Andrew Nuxoll	Efficient Episode Recall and Consolidation
	15	Jesse Frost	Episodic Memory Search as a Constraint Satisfaction Problem
	15	Bob Marinier	Planned Extensions to Episodic Memory
	30		EPMEM Discussion
10:15-10:45	30	Break	
10:45-12:00	75		
	15	Randy Jones	A Modular Soar Agent for a Naval Decision-Making Simulation
	15	Van Parunak	SC2RAM: A Deployable Cognitive Model of a Cyber-Attacker
	20	Randy Jones	Design Patterns for Balancing Behavior Responsiveness
	10	Jacob Crossman	Preliminary look at comparing Soar to other modeling methods in TankSoar
	15		End of Meeting Discussion