Norwegian Artificial Intelligence Society

Program for symposium og stiftende møte i forbindelse med NIK 2009, ved NTNU den 23. november 2009 i Trondheim.

09.00	–	10.00	**Registrering og kaffe**
10.00	–	11.00	**Velkomst og keynote**
			Glimt fra NAIS' historie
			Morten Irgens, Dekan IMT, Høgskole i Gjøvik
11.00	–	12.30	**Bio-inspired methods & Probabilistic systems**
			Robotics and Intelligent Systems at University of Oslo
			J. Torresen, K. Glette, A. R. Jensenius, M. Furuholmen
			Kunstig evolusjon for biologisk inspirert robotdesig
			K. Glette, M. Høvin
			Scalability and complexity challenges in evolutionary digital design heuristics
			M. Hartmann
			Evolvable Machines: An EvoDevo Approach
			G. Tufte
			Adapting to Fluctuating Environments – Learning from Living Systems
			D. Laketic, G. Tufte
			Computational Explorations of the Baldwin Effect
			K. Downing
			Risk Assessments in Fisheries Surveillance: A Case Study in Knowledge Engineering with Bayesian Networks
			B. Tessem
			Improving text categorization using hyperlinks in external knowledge repository
			R. R. Prasath, S. Sakar
			Bayesian Networks for Collaborative Filtering
			H. Langseth
12.30	–	14.00	**Lunch, Kjelhuset NTNU**
14.00	–	14.50	**Key-note**
			AI and intelligent Systems, the key to the future
			Peter Funk, Professor, Mälardalen University
14.50	–	15.20	**Application of AI, Case-based reasoning & General AI methods**
			BusTUC a savant level intelligent bus oracle
			T. Amble
			Feature Extraction and Knowledge Management for Process Planning
			K. Bø
			An Introspective Component-Based Approach for Meta-Level Reasoning in Clinical Decision Support Systems
			T. G. Houeland, A. Aamodt
15.20	–	15.40	**Kaffe**
15.40	–	17.00	**Application of AI, Case-based reasoning & General AI methods**
			Case-based Reasoning on Streaming Data
			O. E. Gundesen, F. Sørmo
			Integrated Reasoning Systems – A Knowledge-Level Perspective with a Case Based Bias
			A. Aamodt
			An interactive 3D CAPTCHA with semantic information
			C. Winter-Hjelm, M. H. Kleming, R. H. Bakke
			Introducing Learning Rate Analogy to the Training of Echo State Networks
			R. A. Løvlid
			Possibilities for learning in game artificial intelligence
			A. Jacobsen, S. B. Stene, S. Yildirim
			A Comparison of Learning Based Background Subtraction Techniques Implemented in CUDA
			E. Fauske, L. M. Eliassen, R. H. Bakken
			Closed Doors – Modelling Intention in Behavioural Interfaces
			A. Kofod-Petersen, R. Wegener, J. Cassens
17.00	–	18.00	**Stiftende generalforsamling**
20.00	–		**Middag på Jonathan**