



Lithuanian Computer Society (LIKS)

The Artificial Intelligence section of LIKS ([member of European Coordinating Committee for Artificial Intelligence, ECCAI](#))



Artificial Intelligence section of Lithuanian Computer Society (LIKS-AIS) currently has about 20 members, mainly in Vilnius and Kaunas. LIKS-AIS is the main coordinating center for exchange of Artificial Intelligence related information through e-mail and at the seminars. At LIKS-AIS seminars Lithuanian (and invited foreign) specialists of knowledge and data base systems present their latest research results, practical experience and information from international conferences.

LIKS-AIS members organized International Workshop BalticDB'94 (in cooperation with VLDB Tutorial Series); LIKS-AIS members participate in the international conferences of Artificial Intelligence.

The main directions of Lithuanian Artificial Intelligence research are: Semantical Modelling of Knowledge and Data Bases, Object-Oriented Knowledge-Based Systems, Conceptual Modelling in Law, Rule-based Qualitative Simulation, Expert Systems, Applied Mathematical Logics, Pattern Recognition, Neural Nets, etc. "Principles of Artificial Intelligence" at the Vilnius University, "Knowledge Based Systems" at the Kaunas University of Technology, etc. courses of lectures are presented in Lithuania. There are some doctoral students of AI related subjects at the Institute of Mathematics and Informatics, Vilnius University, Vilnius Technical University.

Practical application of AI achievements in Lithuania currently is in rather preliminary stage, mainly having only research prototypes.

During 1995-1996 some members of LIKS-AIS were the members of [European Coordinating Committee for Artificial Intelligence \(ECCAI\)](#) through the [Finish Artificial Intelligence Society \(FAIS\)](#). Since 1997 LIKS-AIS is a member of [ECCAI](#). The members of LIKS AI section have organised [ECCAI' s Advanced Course on Artificial Intelligence ACAI-97 "Artificial Intelligence and Information Systems: Integration Aspects"](#) in Vilnius, June 23–28, 1997.

Seminars of LIKS Artificial Intelligence section during 2003 year:

Date	Title	Author	Remarks
2003.02.06	Introduction to Evolutionary Computations	Akira Imada (Japan/Belarus)	Co-organiser of the seminar: Synergetic Brain Research Center
2003.03.19	ISO/IEC 15938 standard: Multimedia Data Description Interface	Erinija Pranckeviciene (Kaunas University of Technology)	-
2003.04.17	The use of ontologies in information systems	Saulius Maskeliunas (Institute of Mathematics and Informatics, Vilnius)	Co-organiser: Chamber of Scientists of the Lithuanian Academy of Science
2003.09.10	Sparse multifocal stimuli and FDT perimetry for the detection of multiple sclerosis	Rasa Ruseckaite (Centre for Visual Sciences, The Australian National University, Canberra, Australia)	Seminar co-organiser: Recognition Processes Dept. of the Institute of Mathematics and Informatics
2004.03.26.	2 p.m.: „Usage of Matrix Combinatorics for Sorting of Automaton and Investigation of Classes of NP and P Automaton	Andrius Kulikauskas (University of California, San Diego, USA)	Welcome at Gostauto 12, room 309, Vilnius)
	3 p.m.: „User Authentication and Information Exchange by Speech	Emad El-Deen El-Akehal (IT University of	

	and Location Information in Mobile Systems “	Copenhagen, Denmark)	
2004. ...	E-learning	Zigmas Bigelis	(Concrete date-time will be finalised little later. Welcome at Gostauto 12 , room 309, Vilnius)

Leaders of LIKS-AIS currently are:

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