

László Aszalós

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Education

Habilitation University of Debrecen, 2011.

Modal operators of communication and their application, in Hungarian

Ph.D. Mathematics and Computer Science, University of Debrecen, 2002.

The logical analysis of the self-referencing modal operator of “can say”, in Hungarian

M.Sc Mathematics, University of Debrecen (Kossuth Lajos Tudományegyetem), 1994.

The finite model of temporal logic, in Hungarian

Fields of interest

mathematical logic (modal and non-classical logic, verification of cryptographic protocols)

e-learning, computer aided education

combinatorial optimization, optimization methods in signal processing

rough set theory and its applications

Languages

Hungarian (mother tongue)

English (fluent)

French (moderate)

Professional Experience

Associate Professor, University of Debrecen 2012–

Assistant Professor, University of Debrecen 2003–2012

Instructor, University of Debrecen 2000–2003

Teaching Assistant, University of Debrecen 1997–2000

Scholarships

Bourse du Gouvernement Français, IRIT, Toulouse, France, 2007, 2 months

Békésy György (post doc.) University of Debrecen, Hungary, 2003–2007

Sécurité Informatique (post doc.) IRIT, Toulouse, France, 2002–2003

Erasmus IRIT, Toulouse, France, 2000, 9 months

Tempus KUN, Nijmegen, Netherlands, 1993, 6 months

Awards, Honors

Dean's award for Excellence in Teaching and Research,
Faculty of Informatics at University of Debrecen, 2014

Rector's award for Excellence in Teaching, University of Debrecen, 2008

Békésy György Prize, 2003

Patai László Prize (Bólyai János Mathematical Association), 1996

Membership and boards

Public Body of Hungarian Academy of Sciences (No 16154)

John von Neumann Computer Society
member of board of section of Artificial Intelligence

Regular refereeing services

Acta Cybernetica

Journal of Applied Non-Classical Logics

Teaching Mathematics and Computer Science

Grants and Sponsored Programs

Sécurité Informatique, CNRS-FÉRIA, 2002–2003
verification of cryptographic protocols with logic

GOP-2.1.1-09/A-2009-1660, 2009–2010
technological development of medical equipment (signal processing of the Holter monitor)

TARIPAR₃, 2009–2011
development of local and regional information industry, construction of a framework for innovative value-added services

TÁMOP-4.1.2-08/1/A-2009-0046 2010–2012
East-Hungarian Informatics Curriculum Storehouse

TÁMOP 4.1.2.A/1-11/1-2011-0103 2012-2014
Gyűres Béla Informatics Curriculum Storehouse

Egységes Segélyhívó Rendszer 112 2012
SRS of the Hungarian Unified Emergency Call System

EKOP 3.1.5 A rendőrség elektronikus feldolgozó rendszerének korszerűsítése a Közép-magyarországi Régióban 2012
SRS of the Police and Traffic Administration Module of the Robocop Integrated Electronic Document Management System

Future Internet Research, Services and Technology TÁMOP 4.2.2.C/1/KONV-2012-0001, 2012-2014

Conference Organizer

Eighth International Conference on Principles of Knowledge Representation and Reasoning (KR2002)

Informatika a felsőoktatásban (Informatics in Higher Education), 2005

11th Central European Conference on Cryptology, 2011

Teaching

I3105 A fordítóprogramok elemei, (Theory of Compilers)

MFALG1 Algoritmusok I (Algorithms I)

MFALG12 Algoritmusok II. (Algorithms II)

IL3403/ILIK502 Alkalmazások fejlesztése www-re (Web-application Development)

IL3747 Alkalmazások fejlesztése www-re 2, (Web-application Development 2)

PTML22 Automatikus tételbizonyítás (Automated Theorem Proving)

INAK401/INBK401/INCK401 Az informatika logikai alapjai (Logical Foundations of Informatics)

PTML21/INMV610 Fejlett kereső algoritmusok (Advanced Search Methods)

INDV221/INAK221 Fordítóprogramok (Compilers)

ILMV650 Genetikus algoritmusok (Genetic Algorithms)

PTML04/ILMK140/ILIK101 Informatikai algoritmusok (Advanced Algorithms)

INOK103 Internettartalom menedzsment (Internet Content Management)

ILMV630 Ismeretalapú technológia (Knowledge-based Technologies)

ILMV680 Ismeretreprezentáció (Knowledge Representation)

M3509/INMV660 Játékelmélet (Game Theory)

INMV745 Kombinatorikus optimalizálás (Combinatorial Optimization)

INMV622 Logikai programok (Advanced Logic Programming)

I3703 Logikai programozás (Logic Programming)

KT51180 Mesterséges intelligencia (Artificial Intelligence)

INAV442/INDV442 Mesterséges intelligencia nyelvek (Programming Languages of Artificial Intelligence)

I3101 Mesterséges intelligencia 3 (Artificial Intelligence 3)

PM2104 Modális logikák (Modal Logics)

I3109 Nemklasszikus logikák (Non-Classical Logics)

IL3601 Szakértői rendszerek (Expert Systems)

ILCV441 Tudásalapú rendszerek (Knowledge-based Systems)

Lecture notes

Aszalós L. *Hogyan írjunk PTI BSc szakdolgozatot?* (Tips for writing BSc thesis) 2013, 90 pages (Támop-4.1.2)

Aszalós L. *Prolog programozási nyelv* (Prolog programming language) 2012, 100 pages (Támop-4.1.2)

Aszalós L. – Bakó Mária *Fejlett keresőalgoritmusok* (Advanced search methods) 2012, 140 pages (Támop-4.1.2)

Aszalós L. – Herendi Tamás *Informatikai algoritmusok* (Advanced algorithms) 2011, 120 pages (Támop 4.1.2)

Aszalós L. – Battyányi Péter *Prolog feladatgyűjtemény* (Prolog exercise book), 2010, 110 pages (TÁMOP 4.1.2)

Aszalós L. – Herendi Tamás *Fordítóprogramok feladatgyűjtemény* (Compilers exercise book), 2010, 110 pages (TÁMOP 4.1.2)

Aszalós L. *Mesterséges intelligencia közgazdászoknak* (Artificial Intelligence for Economists) 2004, 60 pages (mobiDiák)

Aszalós L. *Nemklasszikus logika* (Non-Classical Logic) 2004, 66 pages (mobiDiák)

Aszalós L. *Algoritmusok* (Algorithms) 2004, 120 pages (mobiDiák)

Aszalós L. *Mesterséges Intelligencia 3 (Prolog)* (Prolog Programming Language) 1999, 33 pages

Other services

Organizer of the Corresponding Studies of System Engineer Programme 2005–2010

Student Advisor for System Engineer Programme 2009–

Vice Dean (External relations and economics) 2015–

Last updated: August 10, 2016