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CURRICULUM VITAE OF

Hajnal Ilona ANDRÉKA

ADDRESSES

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PERSONAL

Born:	Budapest, Hungary, November 17, 1947.
Citizenship:	Hungarian

EDUCATION, ACADEMIC DEGREES

University:	1966–1971, Eötvös Loránd University, Faculty of Natural Sciences, Budapest, Hungary.
Diploma:	1971, mathematician
Ph.D.:	1975, Eötvös Loránd University, Budapest.
Candidate's Degree:	1978, Hungarian Academy of Sciences.
Dr. Rer. Nat. with the Academy:	1992.

EMPLOYMENT

– Institute for Computer Science of the Ministry of Heavy Industries: 1971-1977.
– Mathematical Institute of the Hungarian Academy of Sciences: 1977–present (presently head of department).

EMPLOYMENT ABROAD

– University of Waterloo, Dept. of Computer Science, Waterloo, Canada: December 1983 – August 1984.
– Iowa State University, Dept. of Math., Ames, Iowa, USA: August 1987 – July 1988.
– Mills College, Mills Summer Mathematical Institute, Oakland, California, USA: June – July 1991.

HONORS, AWARDS

- Scholarship for receiving a candidate's degree with the Hungarian Academy of Sciences: 1974–1977.
- A Prize of the Hungarian Academy of Sciences: 1974.
- Prize "Géza Grünwald" of the Mathematical Society János Bolyai: 1975.
- Prize "Gyula Farkas" for Applying Mathematics, of the Mathematical Society János Bolyai: 1978.
- Recipient of László Kalmár Award in recognition of work and results on unifying theoretical mathematics and computer science: 1979.
- Alfréd Rényi Award in recognition of mathematical results: 1987.

TEACHING EXPERIENCE

- 1968–1971: Teaching mathematics in study circles of several grammar schools.
- 1971–1975: Eötvös Loránd University, Faculty of Natural Sciences, Budapest. Subject: algebraic logic, model theory, program verification.
- 1983–1984. University of Waterloo, Waterloo, Canada. Course on foundation of computer science.
- 1987–1988: Iowa State University, Dept. of Math., Ames, Iowa, USA. An undergraduate and a graduate course on abstract algebra.
- April 1990: University of Barcelona, Dept. of Logic, Barcelona, Spain. Intensive course on logics in computer science.
- October 1990: University of Warsaw, Dept. of Mathematics, Warsaw, Poland. Intensive course: "Introduction to Tarskian algebraic logic".
- June–July 1991: Mills Summer Math. Institute, Mills College, Oakland, California USA. Seminar leader at the Summer Math. Program for talented women students (funded by NSF).
- March–April 1998: University of Amsterdam, Amsterdam, The Netherlands. Intensive research course: "Logical structure of relativity theories".
- 1990 – present: Teaching courses, advisor of postgraduate students at Eötvös Loránd University, Budapest.
- 1971 – present continuously: teaching post–graduate students, different courses for e.g. computer scientists on mathematical foundations of computer science, courses on logic and applied logic, foundations of mathematics and physics, space-time and relativity, supervisor of theses for obtaining candidate's degree.

LANGUAGES

Fluent: English. Reading: French, Russian.

RESEARCH INTEREST

- Algebraic Logic, in particular Cylindric Algebras, Polyadic Algebras, Relation Algebras, and Categorial Logic.
- Universal Algebraic Logic, Universal Logic.
- Theoretical Computer Science, in particular Logics of Programs, Model theories for logics of programs, Program verification, Program Specification.
- Nonclassical logics, especially multimodal logics, and temporal logics of programs.

– Universal Algebra and Model Theory.
– Philosophical logic and linguistics.
– Logic and Relativity Theory.

INTERNATIONAL RECOGNITION

– Member of the Council of the Association of Symbolic Logic, 1999 – 2001.
– Member of Executive Board of European Foundation for Logic, Language and Information, 1991-1997.
– Member of Editorial Board of Periodica Mathematica Hungarica, 1985-1998.
– Member of Editorial Board of Studia Scientiarum Mathematicarum, 1991-
– Member of Editorial Board of Fundamenta Informatica, 1990-
– Member of Editorial Board of Journal of Applied Logic, 2004-
– Member of Advisory Board of Advanced Studies in mathematics and Logic, book-series, 2005-
– Member of Advisory Board of Logica Universalis book-series, 2005-
– Member of Program Committee or Organizing Committee of the following international conferences: Conference on Algebraic Logic, Budapest 1988 (organized by J. Bolyai Mathematical Society), "Algebraic Methods in Logic and Their Computer Science Applications", Warsaw 1991 (38th Semester of Stefan Banach International Banach Mathematical Center), European Summer Meeting of the Association for Symbolic Logic, Veszprem 1991 (organized jointly by J. Bolyai Mathematical Society and Symbolic Logic Department of Eötvös Lorand University), Algebraic logic and the methodology of applying it, Budapest 1994 (TEMPUS Summer School), First Southern African School and Workshop on Logic, Universal Algebra, and Theoretical Computer Science, South Africa 1999, Logic in Hungary 2005, and more.
– Senior research scholar at CCSOM of University of Amsterdam, 1992 –.
– 100 papers in scientific journals.
– Invited plenary speaker at 20 international conferences.