

Curriculum Vita of
Johann Andreas Makowsky
born János András György Majtenyi

July 7, 2008

1 Personal Data

Name at birth: János András György Majtenyi

Name: Johann Andreas Makowsky

Born: 12. March 1948, Budapest (Hungary)

Parents: Maria Anna Elisabeth Majtenti (né Deutsch) born in Budapest, 14. October 1923 and András Majtenyi (born Markovits) born 2. February 1924 in Nagyvarad

Marriages: 1970-1973 Ruth Gantner
1976-1987 Irit Manskleid, children: Daniel Amichai Makowsky (1978) and Yuval Raphael Makowsky (1979)
1991-current Maria Nikolayevna Yelenevskaya

Citizenship: Hungarian (no valid passport) and Swiss (Zurich), permanent resident status in Israel

Languages: German, French, English (fluent speaking and writing), Italian and Hebrew (good speaking, limited writing)

Current position: Full Professor of Computer Science at the Technion–Israel Institute of Technology

University Address:

Department of Computer Science,
Technion–Israel Institute of Technology, 32000 Haifa, Israel

Private Address: 3 Ein Gedi Street, 34529 Haifa, Israel

Telephone:

Home: +972-4-833 2952 (Fax and automatic answering)

Office: +972-4-829 4358

Mobile: +972-54 755 7616

E-Mail: janos@cs.technion.ac.il

World Wide Web: <http://www.cs.technion.ac.il/~janos>

2 Curriculum Vitae

2.1 Academic degrees

Diplom M.Sc. in Mathematics and Physics (Diplom),ETH-Zurich, 1971

Dr.Sc.Math. Ph.D. Mathematics, ETH-Zurich, 1974

Dr.habil. Habilitation Mathematics (Privatdozent), FU-Berlin, 1981

2.2 Academic appointments

Present position, since 2001: Full Professor, Department of Computer Science, Technion–Israel Institute of Technology, Haifa, Israel

Previous positions:

- Associate Professor, Department of Computer Science, Technion- Israel Institute of Technology, Haifa, israel, 1984-2001
- Chair for Methods of Artificial Intelligence (C4), Department of Computer Science, Technical University Berlin, West Berlin (Tenured appointment 1990, declined after negotiations).
- Associate Professor of Theoretical Computer Science (C3), Department of Computer Science, Technical University Darmstadt, FRG, (Tenured appointment 1984, declined after negotiations).
- Senior Research Associate, Department of Computer Science, Technion-Israel Institute of Technology, Haifa, Israel, 1980-1984.
- Assistant Professor (C1, Wissenschaftlicher Assistent), 2.Mathematisches Institut, FU- Berlin, West Berlin, 1975-1980.
- Assistant, ETH-Zurich, (Mathematics and Engineering), 1970-1974.

Visiting positions (a selection):

2004 Visiting Professor, Department of Mathematics, ETH-Zurich, Switzerland (Sabbatical from the Technion).

2000 Visiting Professor, Ecole doctorale de mathématiques et informatique de Bordeaux, Bordeaux, France

2000 Visiting Professor, The Fields Institute, Toronto, Canada

1999 Distinguished Professor at the Institut Universitaire de France, stay at LaBRI, Bordeaux, France

1999-2000 Visiting Professor, Department of Mathematics, ETH-Zurich, Switzerland (Sabbatical from the Technion).

1999 Visiting Professor, Institut für Informationssysteme, Technical University, Vienna, Austria (Sabbatical from the Technion, 1999).

1993-94 Visiting Professor, Department of Applied Mathematics, Bern University, Switzerland (Sabbatical 1993-94).

2.3 Research interests

Mathematical Logic, Combinatorial Counting, Graph and Knot Polynomials, Algorithms and Descriptive Complexity Theory, Logic in Computer Science and AI, Database Theory.

2.4 Public professional activities

Academic activities

2007-current Academic Head of the Department of Computer Science and Information Technology, Mar Elias College. In this unpaid position, I am responsible for the submission of the academic program to MALAG to gain official recognition of this institution.

Editorial responsibilities

1980 Archiv für Mathematische Logik, Guest editor of special issue.

1990-1995 Methods of Logic in Computer Science, Member of editorial board.

1983-1987 Annals of Pure and Applied Logic (APAL), Advisory editor.

1992-2000 Annals of Pure and Applied Logic (APAL), Advisory editor.

2003-current Journal of Applied Logic (JAL), Field editor for Mathematical Logic.

2005-current Logical Methods in Computer Science, Member of the advisory board.

International Professional Organizations

1992-1998 Founding member of the *European Association for Computer Science Logic (EACSL)*. Member of the Scientific Council 1992-1997, re-elected 1997.

1998-2003 Elected member of the Executive Council of the *European Association for Computer Science Logic (EACSL)*.

- 1998-2006** Elected member (second term) of the Executive Council of the *German Association for Mathematical Logic and for Foundations of Exact Sciences (DVMLG)*.
- 2002-2004** Elected Vice-president of the Executive Council of the *European Association for Computer Science Logic (EACSL)*.
- 2004-2009** Elected President of the Executive Council of the *European Association for Computer Science Logic (EACSL)*.
- 2004-2009** Member of the board of LICS (IEEE conferences on Logic in Computer Science)
- 2005-2009** President of the Jury of the ACKERMANN AWARD, Distinguished PhD Award of the EACSL.
- 2007-2009** Member of the ESSLLI (European Summer School of Logic, Language and Information) Standing Committee of FOLLI (the Association of Logic, Language and Information). This Standing Committee is responsible for the long-term continuity of the ESSLLI summer school: it selects hosting sites, and installs and monitors the PC's and local organizing committees for the annual installments.

Organizing and Program Committees of International Conferences

- 2008** Member of the Program committee of 5th Annual Conference on Theory and Applications of Models of Computation (TAMC 2008), China (details to be published)
- 2007** Member of the Program committee of ER'07 (Entity Relationship Modeling), Auckland, New Zealand, November 2007.
- 2007** Member of the Program committee of CiE'2007 (Computability in Europe Modeling), Siena, Italy, June 2007.
- 2006** Member of the Program committee of CSR'06 (Computer Science in Russia, Theory Track), St. Petersburg, Russian federation, June 2006
- 2004** Member of the Program committee of CSL'04 (Annual meeting of the EACSL), Worclaw, Poland, September 2004
- 2003** Member of the Program committee of Kalmar'03, Szeged, Hungary, October 2003
- 2003** Co-chairman of the Program committee of CSL'03 (Annual meeting of the EACSL), Vienna, Austria, September 2003
- 2002** Member of the Program committee of CSL'02 (Annual meeting of the EACSL), Edinburgh, Scotland, September 2002

- 2002** Member of the Program committee of LiCS'02, Copenhagen, Denmark, July 2002
- 2001** Member of the Program committee of CSL'01 (Annual meeting of the EACSL), Paris, France, September 2001
- 2001** Member of the program committee of MFCS'01 (mathematical Foundations of Computer Science), Prague, Czech Republic, August 2001.
- 2000** Member of the program committee of *Logic and Complexity*, An International Symposium in honor of the 150th birthday of Erwin Engeler + Ernst Specker, February 14-16 2000, Schloss Münchenwiler, Murten, Switzerland
- 1999** Member of the program committee of ICALP'99, Prague, Czech Republic, July 1999.
- 1997** Member of the program committee of LFCS'97 (Logical Foundations of Computer Science), held in Yaroslavl, Russia, in July 1997.
- 1994-1995: Chairman** of the organizing committee and *coordinator* of the program committees for the Logic Colloquium 95 in Israel, the *Annual European Summer Meeting of the Association of Symbolic Logic*.
- 1992:** Program committee, Italian-Israeli Symposium in AI and Computational Linguistics, September 1992, organized by the Israeli Ministry of Science.

National Committees

- 1992-1995** Member of the National Subcommittee for Computerization (Va'adat Michshuv of Vatav)
- 1994-1996** Member of the Professional Committee of the National Academy of Sciences, Section Computer Science.

Membership in Professional Organizations

Association of Symbolic Logic, Polish Association of Logic and Philosophy of Science, European Association for Computer Science Logic, Deutsche Vereinigung für Mathematische Logik Und Grundlagen der Mathematik; Israeli Mathematical Society, Swiss Mathematical Society, American Mathematical Society.

Industrial consulting

Since 1986: Scientific advisor for MENTAL IMAGES, Gesellschaft für Computerfilm und Maschinenintelligenz m.b.H.&Co. KG, Berlin (West Berlin), and from 1992 on also shareholder of MENTAL IMAGES.

1988-1990: Feasibility study for ZURICH Insurance on the insurability of computer related risks.

1989-1990: Computer science columnist for "Finanz und Wirtschaft", a leading German language biweekly financial newspaper, published in Zürich, Switzerland.