

Curriculum Vitae

August 2014

Dr. Balint DOMOLKI, born 1935, Budapest, Hungary

- Family** Married, one daughter, two granddaughters
- Languages** English, Russian
- Education:** Degree in mathematics at Eotvos Lorand University (Budapest) in 1957.
Post-graduate degree (candidate) in computer science at the Moscow State University in 1966
- Working experience**
- 2005-10 Leader of the “Technology Perspectives of the Information Society” (IT3) project at the National Council for Communications and Information Technology
 - 2003-04 Advisor at the Ministry of Information Technology and Communications
 - 1997-03 Chairman of the Board of Directors IQSOFT Intelligent Software Co.Ltd. (medium-size private software development and trading company)
 - 1990-97 Managing Director IQSOFT Intelligent Software Co.Ltd.
 - 1977-89 Head of department, later Science director Computer Research and Innovation Center (state owned R&D institute)
 - 1965-77 Head of department, later deputy director INFELOR Systems Engineering Co. (state owned computer applications development company)
 - 1957-65 Researcher, later head of department Computing Center of the Hungarian Academy of Sciences (first computing organisation in Hungary)
- Scientific interests:**
- 2003- History of computing
 - 2001- Technology foresight
 - 2000- Consumer protection in IT
 - 1996- IT policy and regulatory issues
 - 1993- quality of information services
 - 1988-93 data base management systems and applications
 - 1977-90 logic programming implementation and application topics
 - 1972-79 formal description of programming concepts, Structured Abstract Models
 - 1968-73 architecture and system software design for Hungarian minicomputers
 - 1965-70 a universal compiler-compiler system

	1961-66	a syntax analysis algorithm based on bit-vector manipulations and its applications in compiler writing
	1957-62	participation in building and programming of the first electronic computer in Hungary
	1955-56	theory of finite automata
Fellowships abroad:	1963-64	Manchester University (compilers)
	1974-75	SAIL, Stanford University (computational logic)

Professional activities

National

John von Neumann Computer Society:

- Founding member (1968), Vice president (1975-80), President (1985-90), Past president (1990-94), Honorary president (1994-)
- Founder of the IT History Forum (2009-)

Hungarian IT community:

- Vice-president of the Forum of Hungarian IT Organizations (Inforum) (1999-2004)
- Member of the Presidential Advisory Board of the Hungarian Communication Authority (1996-2002)
- Advisory Board of the Interministerial Committee of Information Technology (chair: 1997-98, member: 1999-2000)
- Co-chair of the Advisory Board of the OMFB IKTA program for Information and Communication Applications (1996-99)
- Member of the Editorial Board of the National IT Strategy, Chairman of Informatics Subcommittee (1994-95), editor of the studies for a “Government Strategy for the Information Society” (1997) and “Hungarian Answer to the Challenges of the Information Society” (1999) and the “Hungarian Information Society Strategy” (2004)

Academic:

- Member of the Information Technology and Computing Science committees of the Hungarian Academy of Sciences (1972-2008, 2011-):
- Member of the IT subcommittee of the Hungarian Accreditation Board (1998-2006)
- Editorial Board member of Acta Cybernetica (Szeged)

International

International Federation of Information Processing (IFIP):

- Representing Hungary in TC2 (Programming) in 1970-88
- Invited Speaker in World Congress'83 (Paris),
- Program Committee member in World Congress'86 (Dublin)
- Advisory Board member for World Congress'98 (Vienna-Budapest)
- General Assembly member for Hungary (2000-2009)
- Member of WG 9.7, History of Computing (2003-)

IEEE Computer Society

- Member of the Central and Eastern European Initiative's Committee (1992-97)
- Evaluating submissions for the Computer Society International Design Competition (2000-02)

EU-related activities

- Participating in Thematic Networks "RURAL WINS" and "FISTERA" of the Fifth Framework Program (2002-05)
- Participating in an expert panel of the "Enlargement Futures" program of the IPTS (Seville) (2001)
- Evaluating proposals in the Growth Program (2000 2001, 2002)
- Participating in a Workshop on "New Business Paradigms for the E-Economy (Sept. 2000)
- Auditing individual INCO projects (1998, 2000)
- Participating in a Workshop on New Ways of Work and Electronic Commerce in preparation of the Fifth Framework Program (May 1998)
- Member of the evaluation panel of the TDQM program, providing PHARE support for Hungarian technology development and quality management (1996-97)
- Participating in the EU supported projects ESATT (DG-XIII) and INDIS (DG-III) for networking in the CEE countries: (1994-96)
- Evaluating Fourth Framework Program IT proposals (ESPRIT) in Brussels (1995)
- Member of the evaluation panel of the ACCORD program, providing PHARE support for Hungarian RTD (1993-94)
- Participating in the Industrial working group on databases in preparation of the Fourth Framework Program (1994)
- Evaluating East-West cooperation proposals in Brussels (PECO, 1992)