ILMO. SR. DR. D. JANUSZ KACPRZYK

Current employment: Professor, Systems Research Institute, Polish Academy of Sciences, Warsaw, Poland; 1990 to present. Professor, WIT – Warsaw School of Appied Information Technology and Management, Warsaw, Poland, 1999 to present. Consultant, Industrial Institute of Automation and Measurements (PIAP), Warsaw, Poland, since 2007.

Honorary professorship: Honorary External Professor, Department of Mathematics, Yli Normal University, Yining City, Xinjiang City, Xinjiang, P.R. of China, since 2006.

Visiting professorships: Visiting Professor, Department of Computer Science, Tijuana Institute of Technology, Tijuana, BC, Mexico, since 2006. Visiting Professor, School of Science and Technology, Nottigham Trent University, Nottigham, UK, 2003 – 2006. Visiting Professor, Department of Management and Computer Sciences, University of Trento, 38100 Trento, Italy, Spring semester, 1994. Visiting Professor, Department of Computer Science, University of North Carolina, Charlotte, NC 29223, USA, Spring semester 1988. Visiting Professor, Department of Computer Science, The University of Tennessee, Knoxville, TN 37916, USA, Spring semester, 1986. Visiting Professor, Hagan School of Business, Iona College, New Rochelle, NY 10801, USA, 1981 – 1983.

Current functions in organizations: President, International Fuzzy Systems Association (IFSA), Since 2007. President, Polish Society for Operational and Systems Research (PTBOiS), since 2007.

Fellowships: Fellow, IEEE (Institute of Electrical and Electronics Engineers). Fellow, IFSA (International Fuzzy Systems Association)

Current research interests: Uncertainty and imprecision in systems modeling; Decision making and control under uncertainty and imprecision (fuzziness); Intelligent decision support systems; Fuzzy logic; Fuzziness in database management systems; Fuzzy and possibilistic approaches to knowledge representation and processing; Management of uncertainty in knowledge-based systems; Evolutionary programming, and its applications; Neural networks, and their applications.

Education: 1965 - 1970; Studies at the Department of Electronics, Warsaw University of

Technology in Warsaw, Poland. Major field: computer science and automatic control. M.S. in computer science and automatic control received in October, 1970 from the Warsaw University of Technology. Ph.D. with distinction in systems analysis received in October, 1977 from the Systems Research Institute, Polish Academy of Sciences in Warsaw, Poland. Dissertation title: Application of fuzzy sets theory for the optimization of organizational structures. D.Sc. (habilitation) in computer science in 1990 from the Systems Research Institute, Polish Academy of Sciences. Full Professor, since 1997, awarded by President of the Republic of Poland. Academician (Member of the Polish Academy of Sciences), since 2002.

Practical experience: Participation at works on: a data logging system for an ammonia plant, 1971-1972; a management information system for a union of glass works, 1973-1979; computer modelling and optimization for regional agricultural policy making in a region in Poland, 1978-1983 (a joint work with the Regional Development Project, International Institute for Applied Systems Analysis, Laxenburg, Austria).

- a database querying system for handling imprecise queries, 1985-1989, for the Regional Water Policies and Large International Rivers Projects, International Institute for Applied Systems Analysis, Laxenburg, Austria.
- a database querying system for handling imprecise queries, 1992 to present, implemented for Microsoft Windows based database management systems (Access, FoxPro for Windows, etc.)
- mathematical modeling of sustainable regional development, joint work with the International Institute for Applied