

## CURRICULUM VITAE

**Roman SŁOWIŃSKI**, Ph.D., Dr. Habil., Professor

**Address:** Poznań University of Technology  
Institute of Computing Science  
Street Piotrowo 2  
60-965 Poznań, Poland  
tel. (+48-61) 8790790 or 6652902, fax: (+48-61) 8771525  
e-mail: ROMAN.SLOWINSKI@CS.PUT.POZNAN.PL

### Diploma:

1969 - final secondary school examination (with honours) at the K.Marcinkowski College, Poznan  
1974 - M.Sc. in Control Engineering (with honours), Poznan University of Technology  
1977 - Ph.D. in Operations Research, Poznan University of Technology  
1981 - Habilitation in Decision Sciences, Poznan University of Technology (awarded)  
1989 - Professor's title from the President of the Republic of Poland

### Honors:

2000 – Doctor *honoris causa* Faculté Polytechnique de Mons (Belgium)  
2001 – Doctor *honoris causa* Université de Paris Dauphine (France)  
2004 – Cor. member of the Polish Academy of Sciences

### Professional Employment:

June 1974 - Feb. 1976, Research-Teaching Assistant, Institute of Control Engineering, Poznan University of Technology (PUT)  
March 1976 - Feb. 1978, Research-Teaching Associate, Institute of Control Engineering, PUT  
March 1978 - Sept. 1982, Assistant Professor, Institute of Control Engineering, PUT  
Sept. 1982 - June 1989, Associate Professor, Institute of Control Engineering, PUT  
Jan. 1985 - Dec. 1989, Consultant, Centre for Education and Development in Agriculture, Poznan  
July 1989 - Aug. 1991, Professor (extraordinary), Institute of Computing Science, PUT  
Feb. 1992 - Dec. 1996, Professor (half-time), Institute of Theoretical and Applied Informatics, Polish Academy of Sciences, Gliwice  
Sept. 1991 - present, Professor (ordinary), Institute of Computing Science, Poznan University of Technology  
April 2002 - present, Professor, Systems Research Institute, Polish Academy of Sciences, Warsaw

### Positions Held:

Sept. 1984 - Aug. 1987, Deputy-Director of the Institute of Control Engineering, PUT  
Sept. 1987 - Aug. 1993, Deputy-Dean, Faculty of Electrical Engineering, PUT  
Nov. 1997 – June 2005, Director of Doctoral Course in Computing Science at the Faculty of Computing Science and Management, Poznan University of Technology  
Sept. 1989 - present, Head of the Laboratory of Intelligent Decision Support Systems, within the Institute of Computing Science, Poznan University of Technology

### **Editorial Positions:**

"*European Journal of Operational Research*" – Editor-in-Chief, since 1999  
"Fuzzy Sets and Systems" – Area Editor, Decision Analysis, 1998-2001  
"Foundations of Computing and Decision Sciences" – Editor, since 1991  
"Foundations of Control Engineering" - Associate Editor, 1977-1990

### **Editorial Boards:**

"*Journal of Multi-Criteria Decision Analysis*"  
"International Journal on Fuzzy Sets and Systems"  
"Journal of Decision Systems"  
"International Journal of Applied Mathematics and Computer Science"  
"Journal of Fuzzy Optimization and Decision Making"  
"Operational Research – An International Journal"  
"Central-European Journal of Operational Research"  
"Transactions on Rough Sets"  
"International Journal of Operational Research"  
"Enterprise Information Systems"  
"Badania Operacyjne i Decyzje"  
"European Journal of Industrial Engineering"  
"International Journal of Applied Fuzzy Sets Theory"  
"The Journal of Financial Decision Making"  
"Journal of Applied Computer Science"

### **Invited Lectures at:**

University of Missouri-Columbia (USA), University of Michigan-Ann Arbor (USA), York University – Toronto (Canada), Université Laval – Quebec (Canada), Hosei University-Tokyo (Japan), Kyoto University (Japan), Ben Gurion University – Beer Sheva (Israel), Tel Aviv University (Israel), Technion Haiffa (Israel), Leipzig University of Technology (Germany), University of Bochum (Germany), Fern University – Hagen (Germany), Hohenheim University-Stuttgart (Germany), J.W. Goethe University – Frankfurt (Germany), University of Passau (Germany), University of Siegen (Germany), University of Saarbrücken (Germany), Eindhoven University of Technology (Holland), Stichting Mathematische Centrum – Amsterdam (Holland), Erasmus University – Rotterdam (Holland), National University of Athens (Greece), Technical University of Crete – Chania (Greece), IIASI-CNR – Roma (Italy), University of Catania (Italy), University of Palermo (Italy), Ecole Polytechnique Federale de Lausanne (Switzerland), University of Sevilla (Spain), Technical University of Lisbon (Portugal), University of Coimbra (Portugal), Université Libre de Bruxelles (Belgium), Faculté Polytechnique de Mons (Belgium), Université Catholique de Louvain (Belgium), Université de Liège (Belgium), University of Antwerp (Belgium), IIASA – Laxemburg (Austria), University of Aston (Great Britain), Université de Paris Dauphine (France), Université de Paris Jussieu (France), Université de Technologie de Compiègne (France), ENST – Telecom-Paris (France), BRGM – Orleans (France), INSEAD – Fontainebleau (France), LAAS-CNRS – Toulouse (France), Konan University – Kobe (Japan), University of Hong-Kong (China), University of Rome – *La Sapienza* (Italy), Kansai University – Osaka (Japan).

### **Membership:**

Polish Information Processing Society – founding member  
Polish Cybernetic Society – President of Poznań Branch, 1987-1992  
Association of Polish Operational Research Societies (APROS) – vice-president, since 1993  
American Mathematical Society – member  
Institute for Operations Research and the Management Sciences (INFOR) – member  
IEEE Computational Intelligence Society – member  
International Rough Set Society – member of Advisory Board since 1995  
EURO Council - second Polish Representative  
Committee of Computer Science, Polish Academy of Sciences – member since 1990  
Committee of Control Engineering and Robotics, Polish Academy of Sciences – member since 1993

### **Organisation of Scientific Conferences:**

1983 - 18th Meeting of the EURO Working Group on "Multicriteria Aid for Decisions", Poznan, 14-15.10.1983.  
1986 - 1st National Conference on "Expert Systems & Decision Support Systems", Poznan, 26-27.11.1987.  
1989 - 2nd National Conference on "Expert Systems & Decision Support Systems", Poznan, 15-16.11.1990.  
1992 - First International Workshop on "Rough Sets: State-of-the-Art and Perspectives", Kiekrz, 1-4.09.1992.  
1994 - 39th Meeting of the EURO Working Group on "Multicriteria Aid for Decisions", Poznan, 7-8.04.1994.  
1995 - EURO XIV, XIVth European Conference on Operational Research - Jerusalem, 3-6.07.1995, Chairman of the Programme Committee.  
2006 - The Fifth International Conference on "Rough Sets and Current Trends in Computing" (RSCTC 2006), *Toward new paradigms in reasoning about data*, 6-8.11.2006, General Conference Chair  
2007 - 65th Meeting of the EURO Working Group on "Multicriteria Aid for Decisions", Poznan, 12-14.04.2007.

### **Major Awards for Scientific Research:**

Minister of National Education Award (1977, 1979, 1982, 1984, 1987, 1990, 1993)  
Scientific Secretary of the Polish Academy of Sciences Award (1980)  
Department of Technical Sciences of the Polish Academy of Sciences Award (1984)  
State Award for Scientific Achievements (Warsaw, 1988)  
Sixth EURO Gold Medal, by European Association of OR Societies (Aachen, 1991)  
Edgeworth-Pareto Award, by International Society on Multiple Criteria Decision Making  
(Cape Town, 1997)  
Best Theoretical Paper Award at the 5<sup>th</sup> International Conference of the Decision Sciences Institute  
(Athens, 1999)  
Professorial Grant of the Foundation for Polish Science (Warsaw, 2001)  
Scientific Award of the City of Poznań (Poznań, 2003)  
Annual Prize of the Foundation for Polish Science (Warsaw, 2005)

**Research Interests:**

Methodology and techniques of decision support, including multiple criteria decisions analysis, preference modeling, knowledge-based decision support. Junction of operations research and artificial intelligence. Soft and granular computing, including modeling of uncertainty and imprecision in decision problems. Rough set theory. Fuzzy set theory. Multi-objective optimization. Project scheduling, including multiple category resources, multiple job modes, multiple criteria and uncertainty. Decision support in medicine, technology, economics and environmental studies.

**Publications (see the list):**

Author and co-author of 13 monographs, 3 textbooks for graduate students and more than 300 papers published in major scientific journals, as well as in edited monographs.