Professor Janusz Kacprzyk

Foreign Member of the Lithuanian Academy of Sciences since 2021

Janusz Kacprzyk (born 12 July 1947 in Warsaw) is a Polish engineer and mathematician, notable for his multiple contributions to the field of computational and artificial intelligence tools like fuzzy sets, mathematical optimization, decision making under uncertainty, computational intelligence, intuitionistic fuzzy sets, data analysis and data mining, with applications in databases, ICT, mobile robotics and others.

In 1970 J. Kacprzyk graduated from Warsaw University of Technology, Poland, with M.Sc. in automatic control and computer science. In 1977 he obtained Ph.D. in systems analysis and in 1991 – D.Sc. in computer science. As of 1997, he is full professor, awarded by the President of the Republic of Poland.

J. Kacprzyk is a professor of computer science at the Systems Research Institute and an academician (full member) of the Polish Academy of Sciences. Currently he is president of the Polish Operational and Systems Research Society and past president of the International Fuzzy Systems Association (IFSA) in 2009-2011.

He is a foreign member of the Spanish Royal Academy of Economic and Financial Sciences (2007), of the Bulgarian Academy of Sciences (2013), of the Finnish Society of Sciences and Letters (2018), of the Royal Flemish Academy of Belgium for Science and the Arts (2019), as well as member of Academia Europaea and the European Academy of Sciences and Arts, foreign member of the Bulgarian Academy of Sciences (2013) and fellow of multiple professional societies, like IEEE, Institution of Engineering and Technology (IET), European Coordinating Committee of Artificial Intelligence (EurAI/ECCAI), IFSA, and Mexican Society for Artificial Intelligence (SMIA).

As of April 2018, prof. J. Kacprzyk has authored 6 books, edited or co-edited more than 100 volumes authored or co-authored approximately 550 papers. He is the editor-in-chief of 7

book series at Springer, and of two journals, and is on the editorial boards of approximately 40 scientific journals.

He is laureate of a number of awards for outstanding academic achievements, most notable of which are:

- 2006 Kaufmann Prize and Gold Medal for pioneering works on the use of fuzzy logic in economics and management
- 2006 Pioneer Award, IEEE CIS for pioneering works on multistage fuzzy control (fuzzy dynamic programming)
- 2007 Pioneer Award of the Silicon Valley Section of IEEE CIS for contribution in granular computing and computing with words
- 2010 Medal of the Polish Neural Network Society for exceptional contributions to the advancement of computational intelligence in Poland
- 2013 IFSA Award for outstanding academic contributions and lifetime achievement in the field of fuzzy systems
- 2014 World Automation Congress Lifetime Award for contributions in soft computing
- 2014 Doctor Honoris Causa of Széchenyi István University, Győr, Hungary
- 2016 Award of the International Neural Network Society – Indian Chapter for Outstanding Contributions to Computational Intelligence
- 2016 Doctor Honoris Causa of Óbuda University in Budapest, Hungary
- 2017 Doctor Honoris Causa of Lappeenranta University of Technology in Finland
- 2017 Doctor Honoris Causa of "Prof. Asen Zlatarov" University, Burgas, Bulgaria
- 2017 Honorary Membership in European Society for Fuzzy Logic and Technology

More information:
https://fedcsis.org/archive/janusz_kacprzyk_2007
https://portal.insticc.org/ResearchersArchive/5fac07f4e261a5eed8685bc4
https://iiasa.ac.at/web/home/about/alumni/News/161001_kacprzyk.html

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