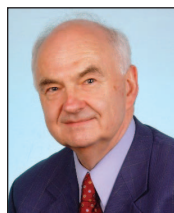


## Newly Elected CIS Administrative Committee Members (2018–2020)

### Janusz Kacprzyk Polish Academy of Sciences, POLAND



Janusz Kacprzyk received the M.Sc. in Automatic Control and Computer Science, Ph.D. in Systems Analysis, and D.Sc. in Computer Science. He is a Professor of Computer Science at the Systems Research Institute, Polish Academy of Sciences, and at WIT—Warsaw School of Information Technology, Professor of Automatic Control at PIAP—Industrial Institute of Automation and Measurements, Professor at Chongqing Three Gorges University in China, and Honorary Professor at the Mathematics Department, Yli Normal University in China. He is Full Member of the Polish Academy of Sciences, Academia Europaea (Informatics), European Academy of Sciences and Arts (Technical Sciences), Foreign Member of the Spanish Royal Academy of Economic and Financial Sciences (RACEF), and Bulgarian Academy of Sciences. He is Fellow of IEEE, IET, IFSA, EurAI (ECCAI), SMIA. He received four honorary doctorates (doctor honoris causa) from universities in Hungary, Finland and Bulgaria.

His main research interests include CI and AI tools, notably fuzzy logic, in decisions, optimization, control, data analysis and data mining, with applica-

tions in databases, IT/ICT, mobile robotics, systems modeling etc. He authored 6 books, (co)edited more than 100 volumes, (co)authored about 550 papers, and about 80 in JCR journals with 22461 citations and h-index 67 (Google Scholar), 6754 citations and h-index 37 (Scopus), and 4796 citations and h-index 31 (WoS). He is the editor in chief of 7 book series at Springer, and of 2 journals, and on the editorial boards of about 40 journals. He is on the IEEE CIS Fellows Committee, was Chair of 2016 IEEE CIS Award Committee, a member of IEEE CIS Adcom in 2011–2016, and a Distinguished Lecturer of IEEE CIS in 2011–2014.

He received 2006 IEEE CIS Pioneer Award in Fuzzy Systems, 2006 Sixth Kaufmann Prize and Gold Medal for pioneering works on soft computing in economics and management, 2007 Pioneer Award of the Silicon Valley Section of IEEE CIS for contribution in granular computing and computing in words, 2010 Award of the Polish Neural Network Society for exceptional contributions to the Polish CI community, IFSA 2013 Award for his lifetime achievements in fuzzy systems, 2014 World Automation Congress Lifetime Award, 2016 Award of the INNS—Indian Chapter for Outstanding Contributions to CI, 2017 HAFSA (Hispanic American Fuzzy Systems Society) Recognition for pioneering works in fuzzy logic and systems. He is President of the Polish Operational and Systems Research Society and Past President of International Fuzzy Systems Association.

### Sanaz Mostaghim Otto von Guericke University of Magdeburg, GERMANY



Sanaz Mostaghim is a Professor of Computer Science at the Otto von Guericke University Magdeburg (OvGU), Germany and holds a Ph.D. degree (2004) in electrical engineering and computer science from the University of Paderborn, Germany. She worked as a postdoctoral fellow at ETH Zurich in Switzerland (2004–2006) and as a lecturer at Karlsruhe Institute of technology (KIT), Germany (2006–2013), where she received her habilitation degree in applied computer science in 2012. Her research interests are in the area of swarm intelligence, evolutionary multi-objective optimization and decision making as well as their applications in robotics, science and industry.

Sanaz is an active member at IEEE CIS. She has been a member of AdCom 2015–2017, served as the Chair of Women in Computational Intelligence (2015–2016) and the Chair of two IEEE CIS task forces: Evolutionary Multi-objective Optimization (2013–2017) and Optimization Methods in Bioinformatics and Bioengineering (2013–2015). Currently she is the Chair of Young Professional Committee at IEEE CIS. She is an Associate Editor of *IEEE Trans. on Evolutionary Computation*, *IEEE Trans. on Emerging Topics in Computational Intelligence*, *IEEE Trans. on Cybernetics*, *IEEE Trans. on Systems, Man and Cybernetics*:

*Systems*, and a member of the Editorial Board of Springer journal on *Complex and Intelligent Systems*.

**Christian Wagner**  
**University of Nottingham, UK**



Christian Wagner is an Associate Professor in Computer Science at the University of Nottingham, UK and a Visiting Professor in Cybersystems at

Michigan Technological University, USA. His research focuses on modelling and handling of uncertain data arising both from qualitative (people) and quantitative sources (e.g., sensors, processes), decision support systems and data-driven policy design; frequently in an inter-disciplinary setting.

He has published around 100 peer-reviewed articles, including prize-winning papers in international journals and conferences. He is Director of the Lab for Uncertainty in Data and Decision Making (LUCID: <http://lucidresearch.org>) with which he and his collaborators recently became runners-up for both the best regular and best student papers at the IEEE International Conference on Fuzzy Systems 2016 in Vancouver, Canada. He has attracted over US\$10 million in research funding as principal and co-investigator in the last 6 years. He is an Associate Editor of the *IEEE Trans. on Fuzzy Systems*, is Chair of the IEEE CIS Task Force on Cyber Security and an elected member of the IEEE Computational Intelligence Society (CIS) Administrative Committee for 2018–2010.

Dr Wagner has co/developed multiple open source software frameworks, making cutting edge research accessible both to peer researchers as well as to different research communities beyond computer science, including an R toolkit for type-2 fuzzy systems and a new Java based framework for the object oriented implementation of general type-2 fuzzy sets and systems. His current research projects focus on the development, adaptation, deployment and evaluation of artificial intelligence tech-

niques in inter-disciplinary projects bringing together heterogeneous data from stakeholders and quantitative measurements to support informed and transparent decision making in cyber security, environmental management and manufacturing.

**Ronald R. Yager**  
**Iona College, USA**



Ronald R. Yager has worked in the area of computational intelligence for over twenty-five years. He is Director of the Machine Intelligence Institute

and Professor of Information Systems at Iona College. He is the editor-in-chief of the *International Journal of Intelligent Systems*. He has published over 500 papers and edited over 30 books in areas related to fuzzy sets, human behavioral modeling, decision-making under uncertainty and the fusion of information. He is among the world's top 1% most highly cited researchers with over 58,000 citations in Google Scholar. He was the recipient of the IEEE Computational Intelligence Society's highly prestigious Frank Rosenblatt Award in 2016. He was also the recipient of the IEEE Computational Intelligence Society's Pioneer award in Fuzzy Systems in 2004. He received the special honorary medal of the 50-th Anniversary of the Polish Academy of Sciences. He received the Lifetime Outstanding Achievement Award from International Fuzzy Systems Association. He received honorary doctorate degrees, honoris causa, from the Azerbaijan Technical University and the State University of Information Technologies, Sofia Bulgaria. Dr. Yager is a fellow of the IEEE, the New York Academy of Sciences and the International Fuzzy Systems Association. He has served at the National Science Foundation as program director in the Information Sciences program. He was a NASA/Stanford visiting fellow and a research associate at the University of California, Berkeley. He has been a lecturer at NATO Advanced Study Institutes. He was a program

director at the National Science Foundation. He was a visiting distinguished scientist at King Saud University, Riyadh, Saudi Arabia. He received his undergraduate degree from the City College of New York and his Ph.D. from the Polytechnic Institute New York University. He has been involved in a number of IEEE activities including serving as General Chair of the IEEE Conference on Financial Engineering and Intelligent Systems. He is also a member of a number of IEEE task forces.

**Gary G. Yen**  
**Oklahoma State University, USA**



Gary G. Yen received his Ph.D. degree in Electrical and Computer Engineering from the University of Notre Dame in 1992. He is currently

a Regents Professor in the School of Electrical and Computer Engineering, Oklahoma State University. His research interest includes intelligent control, evolutionary multiobjective optimization, conditional health monitoring, signal processing and their industrial/defense applications.

Gary was an Associate Editor of the *IEEE Trans. on Neural Networks* in 1994–1999. He is currently serving as an Associate Editor of the *IEEE Trans. on Evolutionary Computation* since 2005 and of the *IEEE Trans. on Emerging Topics on Computational Intelligence* since 2017 and was the founding Editor-in-Chief of the *IEEE Computational Intelligence Magazine* in 2006–2009. Gary served as the Chair of Neural Network Technical Committee in 2000–2002, Vice President for the Technical Activities in 2004–2005, and the President of the IEEE Computational Intelligence Society in 2010–2011. He also served as the Chair of CIS Awards Committee in 2008–2009 and 2014–2015, and the Chair of CIS Fellows Committee in 2016–2017. In 2006, Gary chaired the IEEE World Congress on Computational Intelligence (WCCI) held in Vancouver, Canada, and for the

same conference, served as Finance Chair in Brisbane, Australia 2012, Plenary Session Chair in Beijing, China 2014, Co-General Chair in Vancouver, Canada again in 2016, and Conference Chair for IEEE CEC 2018 in Rio de Janeiro, Brazil. At the IEEE level, Gary served as a member of IEEE Technical Activities Board Award

and Recognition Committee in 2010–2011, IEEE Technical Activities Board Product and Service Publication Committee in 2011–2012, IEEE Fellow Committee in 2012–2014, and TAB Periodicals Review Advisory Committee in 2015–2018.

He received Regents Distinguished Research Award from Oklahoma State

University in 2009, 2011 Andrew P Sage Best Transactions Paper award from IEEE Systems, Man and Cybernetics Society, and 2013 Meritorious Service award from IEEE Computational Intelligence Society. In 2012 and again in 2017, he was elected as a Distinguished Lecturer for the Society. He is a Fellow of IEEE.

**Gary Yen**  
IEEE CIS 2017 Fellow Committee  
Chair, USA

## IEEE Fellows—Class of 2018

**Yiu-ming Cheung**  
**Hong Kong Baptist University,**  
**Hong Kong SAR, CHINA**

*For contributions to cluster analysis and visual computing.*



Yiu-ming Cheung is currently a Full Professor at Department of Computer Science in Hong Kong Baptist University (HKBU). He received Ph.D.

degree from Department of Computer Science and Engineering at The Chinese University of Hong Kong in 2000, and then joined the Department of Computer Science at HKBU in 2001. He is an IET/IEE Fellow, British Computer Society (BCS) Fellow, and Fellow of International Engineering and Technology Institute, Hong Kong (IETI), as well as the “Chu Tian Scholars” in China.

His research interests include Computational Intelligence, Statistical Learning, Intelligent Visual Computing, Pattern Recognition, Data Mining, and

Watermarking. He has published over 200 research articles and has been granted three invention patents. In recognition of his innovative work, he was awarded two prestigious prizes: (1) the Gold Medal with Distinction (i.e. the highest grade in Gold Medals) and (2) Swiss Automobile Club Prize, both of which were selected from 1000 new inventions and products of 700+ competition teams from 40 countries, in the 45th International Exhibition of Invention, Geneva, in 2017. Furthermore, he was the Gold Award Winner of Hong Kong Innovative Invention Award in the Seventh Hong Kong Innovative Technologies Achievement Award 2017. In addition, he was the recipient of 2011 Best Research Award in Department of Computer Science, HKBU, and the recipient of Best Paper Awards in SEAL’2017, ISICA’2017, ICNC-FSKD’2014, and IWDVT’2005, respectively.

He is the Founding Chairman of IEEE (Hong Kong) Computational Intelligence Chapter and the Vice Chair of IEEE Computer Society Technical Committee on Intelligent Informatics

(TCII). He has served in various capacities (e.g., Organizing Committee Chair, Program Committee Chair, Program Committee Area Chair, Financial Chair, etc.) in several top-tier international conferences, including WCCI 2016, ICDM 2006 & 2017, WI-IAT 2006 & 2012. Currently, he is an Associate Editor of *IEEE Trans. on Neural Networks and Learning Systems*, *Pattern Recognition, Knowledge and Information Systems (KAIS)*, to name a few.

**Oscar Cordon**  
**University of Granada, SPAIN**

*For contributions to genetic and evolutionary fuzzy systems.*



Oscar Cordon received his M.S. degree (1994) and his Ph.D. (1997) both in Computer Science from the University of Granada, Spain, where

he is currently Professor at the Department of Computer Science and Artificial Intelligence. He was the founder and leader of this University’s Virtual Learning Center (2001–2005) and is