



IJCIS: Call for Papers Special Issue
“Advances of Computational Intelligence Systems
and Applications”



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Aims and Scope

Computational Intelligence represents a collection or set of computational techniques in soft computing, machine learning and some engineering disciplines, which investigate, simulate, and analyze very complex issues and phenomena. They provide us with the opportunity to use both, our knowledge, and raw data to solve complex problems in a more interesting and promising way. This multidisciplinary research field is in continuous expansion in the artificial intelligence research community. This special issue mainly focuses on the advances of the systems and applications of computational intelligence.

Main Topics and Quality Control

This special issue aims to include extended versions originally presented at ISKE2019 conference that was held at Dalian, China in Nov. 14–16 2019 (<https://www.iske2019.lnnu.edu.cn/>). Other outstanding and original unpublished research manuscripts focused on the latest findings in computational intelligence of systems and applications are also welcome. The topics of this special issue include but are not limited to the following topics:

- Data Mining;
- Intelligent Information Retrieval;
- Systems Integration and Data Security;
- Intelligent Decision Support Systems;
- System Modelling and Optimization;
- Computational Intelligence Systems in Engineering and Science.



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Important Dates

Submission of papers:	July 15, 2020
Notification of review results:	September 15, 2020
Submission of revised papers:	November 15, 2020
Notification of final review results:	December 15, 2020

Submit your paper

All papers have to be submitted via the Editorial Manager online submission and peer review system, together with a cover letter, in which the authors should clearly state that the submission is for the Special Issue on “**Advances of Computational Intelligence Systems and Applications**”. Instructions will be provided on screen and you will be stepwise guided through the process of uploading all the relevant article details and files associated with your submission. All manuscripts must be in the English language.

To access the online submission site for the journal, please visit <https://www.editorialmanager.com/ij-cis/default.aspx>. Note that you should choose the right special issue “Advances of Computational Intelligence Systems and Applications” before submission. If this is the first time that you submit to the International Journal of Computational Intelligence Systems, you need to register as a user of the system first.

NOTE: Before submitting your paper, please make sure to review the journal’s [Author Guidelines](#) first.

Introduction of the guest editor(s)

Javier Montero is Full Professor at Complutense University of Madrid. He has been leading competitive research projects since 1987 and has published more than one hundred contributions in refereed journals, mainly devoted to the theory and applications of fuzzy sets, plus a similar number of papers as book chapters. He has served the fuzzy community as President of the European Society for Fuzzy Logic and Technologies (EUSFLAT) and as vice president of the International Fuzzy Systems Association (IFSA). He has been also Vice dean and Dean of the Faculty of Mathematics and Vice director at his university. He currently is Head of the Department of Statistics and Operational Research, and President of IFSA. He is also IFSA Fellow.

Shuwei Chen is currently an Associate Professor in Applied Mathematics at School of Mathematics, a key researcher at the National-Local Joint Engineering Laboratory of System Credibility Automatic Verification, Southwest Jiaotong University, China. He received the BSc. and MSc. degrees in Applied Mathematics from Zhengzhou University, China in 1999 and 2002 respectively, and PhD. degree in Computer Sciences from Ulster University, UK, in 2014. His current research interests are in decision-making and logic-based reasoning with applications (e.g. software verification). He has edited one book, published over 70 research papers in refereed journals and conferences. He has served as the publication co-chair of ISKE2019, special session chair of FLINS2018, and Program Committee Members of some conferences.



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Wenjiang Li is currently an Associate Professor in School of Automation Engineering, University of Electronic Science and Technology of China. He received the BSc and MSc degree in Fundamental Mathematics in Liaoning Normal University, Dalian, China respectively in 1996 and 1999, and PhD. degree in Transportation Information Engineering and Control from Southwest Jiaotong University in 2003. He then was a Postdoctoral Research Fellow (January 2004 – November 2007) in Electrical Engineering at Southwest Jiaotong University. He served as the head of Control Science and Engineering Department since June 2008. He has been working in the field of Artificial Intelligence for many years. His current research is focused: Intelligent Control; Non-classical Logic (mainly Modal Logic and Many-Value Logic), and Logic-oriented Qualitative Reasoning and Automated Reasoning for Decision Support, Intelligent Information Systems. He has coordinated and took part in a number of research grants from government and industry. He has authored or co-authored over 20 publications in peer-reviewed international journals, book chapters and conferences during his career to date. He has been invited to give talks at universities and international conferences, and being program committee for a number of conferences.

Li Zou received the M.S. degrees in fundamental mathematics from the Liaoning Normal University, Dalian, China in 1997 and the PhD. degree in information science and technology from Southwest Jiaotong University, Chengdu, China in 2010. She is currently a Full Professor with the Liaoning Normal University. She has published more than 70 papers in academic journals. Her current research interests include intelligent information processing, machine learning, non-classical logic and uncertainty reasoning. Prof. Zou is a member the standing committee of the Machine Learning Professional Committee of Chinese Association for Artificial Intelligence, Non-classical Logic and Computing Professional Committee of the Chinese Association of Logic and the Granular Computing and knowledge discovery Professional Committee of Chinese Association for Artificial Intelligence. In 2018, she won the third prize of China Wu Wenjun artificial intelligence award.