2023 粗糙集理论及其应用中韩双边学术论坛

为推动粗糙集、粒计算、形式概念分析及其应用等领域的发展，研讨最新研究进展，“**2023 粗糙集理论及其应用中韩双边学术论坛**”将于 2023 年 10 月 20-22 日在南京信息工程大学举办。

一、学术报告时间：10 月 21 日

二、会议地点：南京信息工程大学基嘉楼 203

三、会议报告议程

Time	Speaker	Institution	Title
08:45-09:00	Opening		
09:00-09:45	HAN Sang-Eon（韩相彦）	Jeonbuk National University	Semi-topological structures of rough approximations
09:45-10:30	JEON Gwanggil（全光吉）	Incheon National University	Frequency domain color interpolation for CFA and AI based computer vision applications
10:40-11:20	YAN Conghua（严从华）	Nanjing Normal University	Duality between convex fuzzifying bornologies and locally convex fuzzifying topologies
11:20-11:50	SUN Yan（孙妍）	Beijing Institute of Technology	Three-way multiple attribute decision-making based on maximal consistent blocks
14:30-15:10	YANG Xibei（杨习贝）	Jiangsu University of Science and Technology	Progressive sampling fusion: applications to feature selection and graph learning
15:10-15:50	WANG Pingxin（王平心）	Jiangsu University of Science and Technology	Research progress on three-way clustering
16:00-16:30	LIN Yidong（林艺东）	Minnan Normal University	Cognitive surmise-based concept cognitive learning for fuzzy data classification
16:30-17:00	SUN Wen（孙文）	Minnan Normal University	Establishing knowledge structures by fuzzy competence structures and fuzzy skill functions.
17:00-17:20	SUN Jia（孙佳）	NUIST	Beta-fuzzy equivalence relations and beta-fuzzy coverings
17:20-17:40	HAN Xinyue（韩新月）	NUIST	Neighborhood-controlled fuzzy rough sets and applications in image digital processing

四、联系人及联系方式：

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南京信息工程大学数学与统计学院

2023 年 9 月 6 日

报告专家简介

Han Sang-Eon 韩相彦：

Dr. Han Sang-Eon Han received a Ph.D. degree from Chonnam National University, Korea. He is currently a professor with the Department of Mathematics Education, Jeonbuk National University, Korea. Dr. Han serves as a member of the Editor board of Turkish Journal of Mathematics. He is an elected as the vice president of Korean Mathematical Society (2023.01. 01-2024.12.31) and the president of Honam Mathematical Society (2023. 01. 01-2024.12.31). Dr. Han's research interests include digital topology, rough sets, fixed point theory, digital geometry, computational topology, applied topology. He has published over 200 refereed journal articles and 100 talks in international conferences.

Jeon Gwanggil 全光吉：

Dr. Jeon Gwanggil received the B.S., M.S., and Ph.D.degrees from the Department of Electronics and Computer Engineering, Hanyang University, Seoul, Korea, in 2003, 2005, and 2008, respectively. He is currently a Full Professor at Incheon National University, Incheon, Korea. He was a Visiting Professor at Sichuan University, China, Universitat Pompeu Fabra, Barcelona, Spain, Xinjiang University, China, King Mongkut's Institute of Technology Ladkrabang, Bangkok, Thailand, and University of Burgundy, Dijon, France. Professor Jeon is an ACM Member, IEEE Senior Member, an Associate Editor of Sustainable Cities and Society, IEEE Access, Real-Time Image Processing, Journal of System Architecture, and MDPI Remote Sensing. Jeon was a recipient of the IEEE Chester Sall Award in 2007, ACM's Distinguished Speaker in 2022, the ETRI Journal Paper Award in 2008, and Industry-Academic Merit Award by Ministry of SMEs and Startups of Korea Minister in 2020.

Yan Conhua 严从华：

Yan Conghua: A third level professor and doctoral supervisor, School of Mathematical Sciences, Nanjing Normal University. Executive director of the Fuzzy Systems and Mathematics Professional Committee of the Chinese Society of Systems Engineering,

member of the Mathematics Education and Mathematics Culture Working Group of the Mathematics Education Branch of the Chinese Mathematical Society, director of the Jiangsu Provincial Mathematical Society, and many times served as the National Natural Science Foundation project review expert. His main research areas are fuzzy functional analysis and lattice topology. He has published more than 40 academic papers in important journals at home and abroad and international academic conferences, of which 40 are indexed in SCI. He presided over two National Natural Science Foundation projects, participated in 4 national, provincial and ministerial research projects, and won the second prize of National higher Education Teaching Achievement Award.

Sun Yan 孙妍：

Sun Yan is a fourth-year PhD student at the Beijing Institute of Technology, Her research directions include fuzzy rough set theory, multi-attribute decision making, attribute reduction, etc. She has published 5 papers in journals 《Knowledge-Based Systems》，《Information Sciences》，《Soft Computing》，《International Journal of General Systems》and 《Computational & Applied Mathematics》.

Yang Xibei 杨习贝:

Yang Xibei received the B.S. degree in computer science with education from Xuzhou Normal University, Xuzhou, China, in 2002, the M.S. degree in computers with applications from Jiangsu University of Science and Technology, Zhenjiang, China, in 2006 and the Ph.D. degree in computers with applications from Nanjing University of Science and Technology, Nanjing, China, in 2010. He was a Senior Visiting Scholar with the Department of Science, University of Regina, Regina, SK, Canada, from 2016 to 2017. He is currently a Professor with the School of Computer, Jiangsu University of Science and Technology. His current research interests include machine learning, knowledge discovery, granular computing and rough set theory. He has authored more than 100 articles on those topics in international journals and conferences, and 1 monograph. Dr. Yang is a Standing Committee Member of the China Association of Artificial Intelligence (CAAI)–Granular Computing and Knowledge Discovery (GCKD) Committee and the Standing Committee Member of the JiangSu Association of Artificial Intelligence (JSAI)–Machine Learning Committee.

Wang Pingxin 王平心:

Dr. Wang Pingxin Wang received a Ph.D. degree from Nanjing University of Science and Technology, Nanjing, China. He is currently an associate professor with the School of Science, Jiangsu University of Science and Technology, China. His current research interests include matrix analysis, three-way decision, and three-way clustering. He has over 60 refereed journal articles and conference papers published in these areas, has received over 500 citations.

Lin Yidong 林艺东:

Lin Yidong received the Ph.D. degree from the School of Mathematical Sciences, Xiamen University, China, in 2021. He is an Associate Professor with the School of Mathematics and Statistics, Minnan Normal University. He presides over one youth project of the National Natural Science Foundation of China, and one youth project of Fujian Province as well. His main research directions involve formal concept analysis, rough sets, concept cognitive learning, multi-label learning, knowledge space and cognitive diagnosis. He has published over 20 articles.

Sun Wen 孙文

Sun Wen is a teacher in the School of Mathematics and Statistics of Minnan Normal University. He is mainly engaged in the research of knowledge space theory, cognitive diagnostic theory and fuzzy set theory. He is currently in charge of a project supported by the National Natural Science Foundation of China and a project supported by the Natural Science Foundation of Fujian Province. In recent years, he has published many papers in academic journals at home and abroad such as Fuzzy Sets and Systems, Journal of Mathematical Psychology, British Journal of Mathematical and Statistical Psychology，Journal of Northwest University (Natural Science Edition).