FSDM HISTORY

FSDM2024 was successfully held in Matsue, Japan, from November 5-8, 2024. Previous conferences, including FSDM2023, FSDM2019 to FSDM2015, took place on-site in various cities: Chongqing (China), Kitakyushu (Japan), Bangkok (Thailand), Taiwan, Macau, and Shanghai (China). Due to the COVID-19 pandemic, FSDM2020, FSDM2021, and FSDM2022 were conducted as online events. The past ten FSDM conferences have attracted over 1100 participants from 50+ countries and districts, and published 1000+ full papers in conference proceedings indexed by EI and Scopus smoothly and peer-reviewed journals indexed

FSDM2023 in Chongging



FSDM2024 in Matsue

FSDM2019 in Kitakyushu



FSDM2017 in Taiwan

FSDM2018 in Bangkok



FSDM2015 in Shanghai



FSDM2016 in Macau



CONFERENCE VENUE



C802, Information Technology Building, Hanshan Normal University

Address: Qiaodong Street, Xiangqiao District, Chaozhou City, Guangdong Province, China

CONFERENCE SECRETARIES

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Brief Introduction to FSDM 2025

Hosted by Hanshan Normal University, the 11th International Conference on Fuzzy Systems and Data Mining (FSDM2025) will take place on the university campus in Chaozhou City, Guangdong Province, China, from November 14-17, 2025. The conference agenda includes keynote addresses, invited talks, oral presentations, and poster sessions. Emphasizing areas such as Fuzzy Theory, Algorithms and Systems, Fuzzy Applications, Data Mining, and the interdisciplinary fields of Fuzzy Logic and Data Mining, FSDM2025 also welcomes special sessions focused on trending topics within related research domains.

Key Highlights:

©Certificates: Provided for attendance, oral/poster presentations, and invited speakers.

Awards: Best oral/poster presentations and Outstanding Reviewers will be recognized with free registration to the next FSDM Conference and a certificate.

Publication Opportunities: Accepted full papers will be published in conference proceedings in FAIA indexed by EI Compendex, Scopus, etc., with selected papers appearing in well-known journals with ISI impact factors, included but not limited to Fuzzy Sets and Systems.

©Field Investigation: An immersive one-day tour of Chaozhou City offering firsthand insights into the local culture and environment. Renowned for its rich cultural heritage, Chaozhou is celebrated

> for its Kungfu Tea ceremony, a distinctive traditional tea-drinking ritual.

Explore Chaozhou



Paifang Street



Chaozhou Ancient City





The 11th **International Conference on Fuzzy Systems and Data Mining FSDM 2025**

November 14-17, 2025 Chaozhou City, Guangdong Province, China

> Hosted by



MAIN TOPICS

Trending Topics and Special Sessions for FSDM 2025:

- 1. Advances in Intelligent Data Analysis and Its Applications
- 2. Advances in Fuzzy Rough Sets and Intelligent Computing
- 3. Advances in Mathematical Models and Computational Intelligence for Transportation System Planning and Management
- 4. Applied Mathematics and Intelligent Algorithms for Modern Industry
- 5. Remote Sensing Cross-Modal Research: Algorithms and Practices
- 6. Artificial Intelligence and Big Data in Education (AIBigEdu)

General Topics:

1. Fuzzy Set Theory, Algorithm and System:

Mathematical foundations of fuzzy systems; Rough set theory; Multigranular cognitive computation; Fuzzy optimization and modeling; Fuzzy decision and support systems; Three-way decisions; Fuzzy control and robotics system; Evolutionary and hybrid systems; Fuzzy electronics systems; Fuzzy classification; etc.

2. Fuzzy Application:

Fuzzy databases and information retrieval; Fuzzy pattern recognition and image processing; Fuzzy sets and logic in ontology, web, and social networks; Fuzzy neural networks; Learning, adaptive, and evolvable fuzzy systems; Explainable AI based on fuzzy logic, etc.

3. Interdisciplinary Field of Fuzzy Logic and Data Mining:

Applications in electrical/manufacturing/industrial/chemical/civil/biomedical/environmental/engineering; economic/statistic issues

4. Data Mining (DM):

Scalable data preprocessing; Big data and data stream mining; DM visualization; Graph and subgraph mining; Security and privacy issues; Web mining, Text, video, multimedia DM; Parallel and distributed/High performance DM algorithms; Massive DM, etc.

CALL FOR PAPERS

Conference Proceeding (indexed by EI/Scopus)

BRIEF CONFERENCE PROGRAM

November 14, 2025 (Friday)
Registration

November 15, 2025 (Saturday)

Opening & Welcoming Speech, Keynote & Invited Speeches, Oral & Poster Presentations and Welcoming Banquet

November 16, 2025(Sunday)

Invited Speeches, Oral Presentations and Closing Speech

November 17, 2025 (Monday)
Field Investigation



Keynote Speakers

Prof. Samad Noeiaghdam
Henan Academy of Sciences, China

Prof. Hongbin Ma.
Beijing Institute of Technology, China



Invited Speakers

Prof. Dimiter Velev, Bulgaria

Prof. Chao Zhang, China



Assoc. Prof. Sayan Kaennakham, Thailand

Dr. Konstantin Ryabinin, Germany



Related Scopus/EI/SCIE indexed Journals, included but limited to:



Fuzzy Sets and Systems (Top Journal) EISSN: 1872-6801 IF= 3.2 JCR: Q1

Special issue: <u>Fuzzy indices: new developments in theoretical</u>, <u>computational and applied topics</u>



mathematics

<u>Journal of Nonlinear and Convex Analysis</u> EISSN: 1880-5221 IF= 1.1 JCR: Q2,Q3

EISSN: 2075-1680 IF= 2.3 JCR: Q1

Special issue: Advances in Fuzzy Rough Sets

and Intelligent Computing



Submit

Now

applied system innovation EISSN: 2571-5577 IF=3.8

Special issue: <u>Advances in Mathematical Models and Computational Intelligence for Transportation System Planning and Management</u>



electronics
an Open Access Journal by MDPI

EISSN: 2079-9292 IF= 2.6 JCR: Q2

Special issue: <u>Advances in Intelligent Data Analysis and Its Applications</u>, <u>3rd Edition</u>



applied sciences Applied Sciences-Basel ISSN: 2076-3417 IF=2.5

Special issue: <u>Advances in Fuzzy Optimization for Transportation</u>
<u>Planning Under Uncertainty</u>

IMPORTANT DATES

Third Round Submission Deadline:

July 15, 2025

Early Bird Registration Due:

September 1, 2025

Estimated Publication Date of Conference Proceedings:

January 20, 2025

ORGANIZING COMMITTEE

FSDM 2025 Conference Chair

Prof. Gengzhong Zheng, Vice-President, Hanshan Normal University, China



FSDM 2025 Local Committee

Prof. Gang Xiao, Hanshan Normal University, China Prof. Xiaopeng Yang, Hanshan Normal University, China Prof. Jingzhen Yuan, Hanshan Normal University, China Prof. Xiaoqing Dong, Hanshan Normal University, China Prof. Wei Huang, Hanshan Normal University, China Prof. Lvjun Li, Hanshan Normal University, China Dr. Zhongxing Peng, Hanshan Normal University, China

Acad. Florin Gheorghe Filip, Romanian Academy, Romania

Prof. Antonio J. Tallón-Ballesteros, University of Huelva, Spain

FSDM 2025 TPC Members

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Dr. Yingwei Yu, Applied Scientist, Amazon Web Services (AWS), USA

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