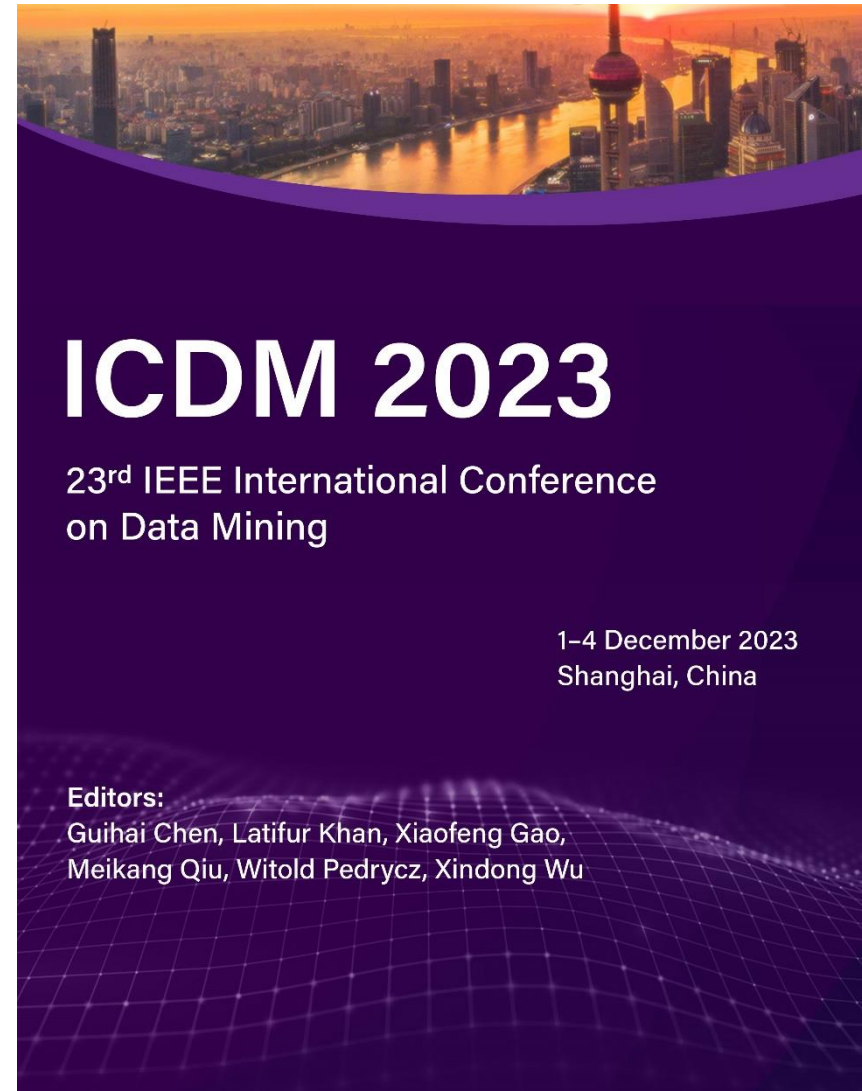




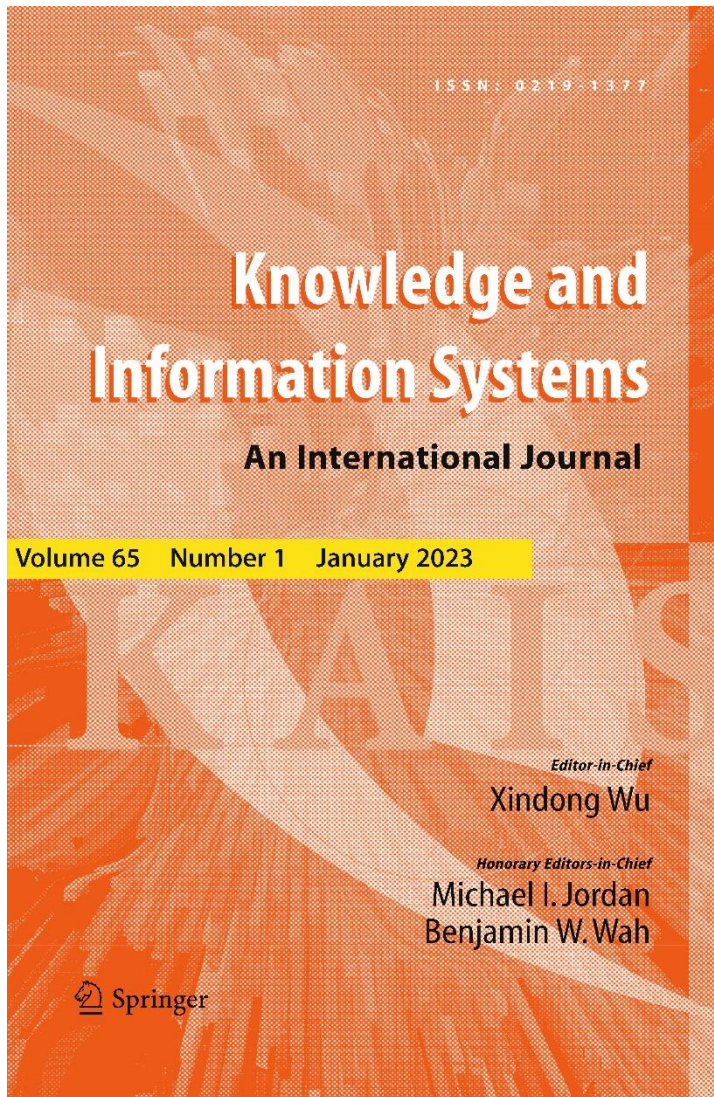
ICDM '23 Award Ceremony

Steering Committee Chair:
Xindong Wu

1. ICDM Service Award
2. ICDM Research Award
3. Best Paper Awards (4)
4. 10-Year ICDM Impact Award
5. Tao Li Award
6. KAIS Journal Best Paper Award
7. ICDM Female Scholar Awards



Major ICDM Activities in the Past 23 Years



- ① KAIS journal of the best papers every year since 2001 (**the 2022 Impact Factor: 2.7; h-5: 48 by Google Scholar; both top 10!**)
- ② IEEE ICDM Research Contributions Award and IEEE ICDM Outstanding Service Award since 2001 (**Nobel Prizes in Data Mining**)
- ③ Data mining on ICDM submissions 2003 ~ 2015 (**ICDM rules**)
- ④ A panel discussion on "top 10 algorithms in data mining" in 2006 (**Google citations: 7473 as of 12/03/23**)
- ⑤ **Workshops proceedings** by IEEE CPS since 2006
- ⑥ Double blind reviewing since 2007 (**and triple blind since 2011**)
- ⑦ IEEE ICDM **10-Year Highest-Impact Paper Award** since 2010
- ⑧ Tao Li Award since 2018
- ⑨ ICDM Female Scholar Awards since 2023



2023

ICDM Steering Committee Awards

(each with a check of \$2,500)

- **IEEE ICDM Outstanding Service Award**
 - highest recognition for service achievements in Data Mining.
- **IEEE ICDM Research Contributions Award**
 - the highest recognition for research achievements in Data Mining.



2023 IEEE ICDM Nomination and Evaluation Committees

- ◆ Xindong Wu (Co-Chair), Hefei University of Technology & Zhejiang Lab, China
- ◆ Chengqi Zhang (Co-Chair), University of Technology Sydney, Australia
- ◆ James Bailey, University of Melbourne, Australia
- ◆ Peter Flach, University of Bristol, UK
- ◆ Diane Cook, Washington State University, USA
- ◆ Joydeep Ghosh, University of Texas at Austin, USA
- ◆ Vipin Kumar, University of Minnesota, USA
- ◆ Claudia Plant, University of Vienna, Austria
- ◆ Jian Pei, Simon Fraser University, Canada



2023 IEEE ICDM Outstanding Service Award

Professor Xingquan Zhu, F'IEEE
Florida Atlantic University, USA

- Initiator, IEEE ICDM Tao Li award in 2017.
- PC Co-Chair for ICDM 2022.
- Associate Editor, TKDE, TKDD, KAIS.



A 5-min talk by Xingquan...



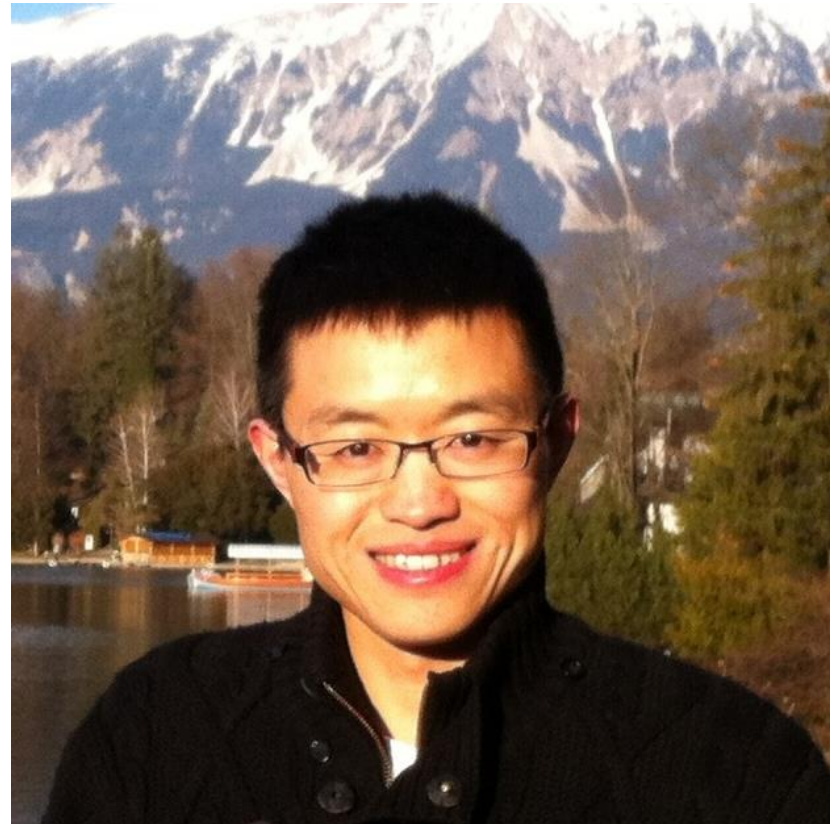
2023 IEEE ICDM Research Contributions Award

Professor Jie Tang, F' ACM,
AAAI and IEEE

Tsinghua University, China

- Open-source GLM-serial models, a serial of general-purpose large language models.
- AMiner.cn for academic network search and mining - SIGKDD Test-of-Time Award.

A 10-min talk by Jie...





ICDM '23 Awards Committee

Committee Chair: Hanghang Tong, Chair <htong@illinois.edu>

- 2022 Impact Paper Award Winner

Committee Members:

- Hanghang Tong, Chair <htong@illinois.edu>
- Guihai Chen <chen-gh@sjtu.edu.cn>
- Latifur Khan <lkhan@utdallas.edu>,
- Vagelis Papalexakis <epapalex@cs.ucr.edu>,
- Yizhou Sun <yzsun@cs.ucla.edu>,
- Haixun Wang <haixun.wang@instacart.com>
- Xindong Wu <xwu@hfut.edu.cn>
- Aidong Zhang <aidong@virginia.edu>



ICDM '23 Best Paper Awards

- **ICDM '23 Best Paper Award:**
 - A Deep Reinforcement Learning Approach to Configuration Sampling Problem
 - by Amir Abolfazli, Jakob Spiegelberg, Gregory Palmer, and Avishek Anand
- **Best Paper Award Runner-up:**
 - C22MP: Fusing catch22 and the Matrix Profile to Produce an Efficient and Interpretable Anomaly Detector
 - by Sadaf Tafazoli, Yue Lu, Renjie Wu, Thirumalai Srinivas, Hannah Dela Cruz, Ryan Mercer, and Eamonn Keogh
- **ICDM '23 Best Student Paper Award:**
 - MPGraf: a Modular and Pre-trained Graphformer for Learning to Rank at Web-scale
 - by Yuchen Li, Haoyi Xiong, Linghe Kong, Zeyi Sun, Hongyang Chen, Shuaiqiang Wang, Dawei Yin
- **Best Student Paper Runner-Up:**
 - TensorCodec: Compact Lossy Compression of Tensors without Strong Data Assumptions
 - by Taehyung Kwon, Jihoon Ko, Jinhong Jung, and Kijung Shin



10 Year High Impact Award

(with a check of \$1,000)

Selected by the Awards Committee

- Considered some of the most cited papers that appeared in ICDM 2014.
- A short list of papers were selected and ranked by members of the awards committee.

The paper that stood out:

- **Dynamic Time Warping Averaging of Time Series allows Faster and more Accurate Classification (ICDM-2014, pp. 470-479)**
- ***By F. Petitjean, G. Forestier, G. I. Webb, A. E. Nicholson, Y. Chen and E. Keogh***

A video talk by François ...



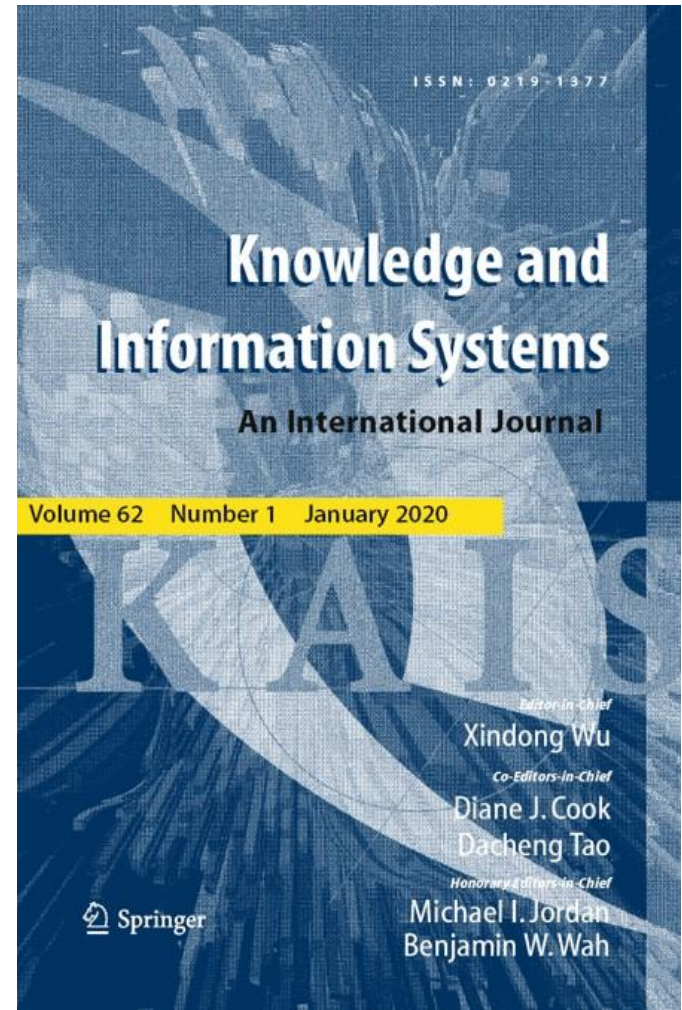
2023 KAIS Journal Best Paper Award

(A check of \$1K from Springer)

Best Paper published in 2020:

- Pythagorean Fuzzy MULTIMOORA Method based on Distance Measure and Score Function: Its Application in Multicriteria Decision Making Process
- by Chao Huang, Mingwei Lin & Zeshui Xu
- *Knowledge and Information Systems*, 62(2020), pp. 4373–4406

A short talk by Chao...





2023 Tao Li Award

(a \$2K check from Tao Li Foundation)

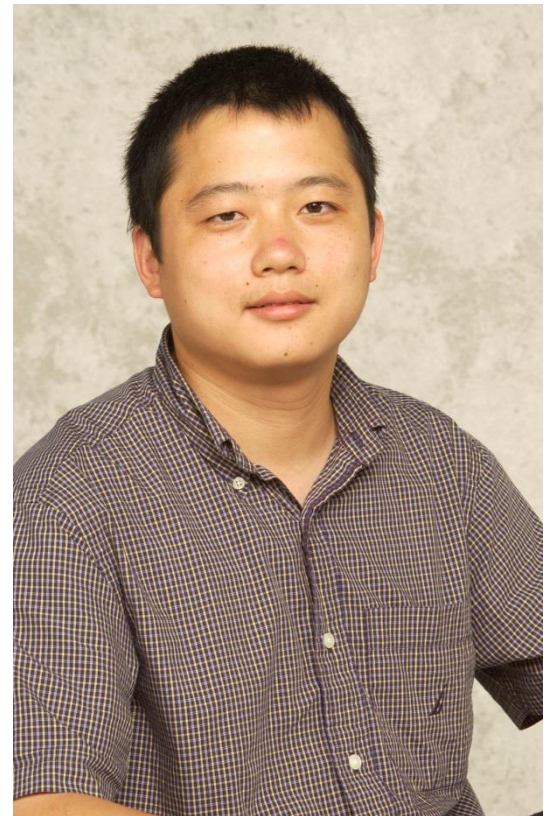
Was selected by a committee

- Tao Li Award Committee Chair:
Xingquan Zhu

2023 Tao Li Award winner:

- Danai Koutra

A short talk by Danai ...





ICDM Female Scholar Awards

(each with a check of \$1,000)

Selected by the Award Committee

- Xiaofeng Gao, Co-Chair <gao-xf@cs.sjtu.edu.cn>
- Xiaochun Yang, Co-Chair <yangxc@mail.neu.edu.cn>
- Xiuzheng Cheng xzcheng@sdu.edu.cn
- Junping Du <junpingdu@126.com>
- My Thai <mythai@cise.ufl.edu>
- Bhavani Thuraisingham <bxt043000@utdallas.edu>

A video talk by Joyce C. Ho joyce.c.ho@emory.edu ...



Thanks!

IEEE International Conference on Data Mining

The world's premier research conference in data mining