

Vision Statement for ACM Transactions on Knowledge Discovery from Data (TKDD)

I am honored to submit my nomination for the position of Editor-in-Chief (EiC) for ACM Transactions on Knowledge Discovery from Data (TKDD). TKDD has a rich history of serving as a leading publication in the field of knowledge discovery and data analysis, and I am excited about the opportunity to lead its continued growth and evolution.

Building on a Strong Foundation: TKDD has consistently maintained its position as a premier archival source for groundbreaking research in data mining and knowledge discovery. My vision is to build on this strong foundation by ensuring that the journal continues to be at the forefront of innovation in the field. This involves attracting and publishing high-quality research that addresses emerging challenges and opportunities in data mining across diverse data types.

Expanding the Scope: Data mining is a rapidly evolving field with applications in various domains. To keep pace with these advancements, I envision expanding the scope of TKDD to include new and emerging areas of research. This includes but is not limited to topics such as ethical data mining, explainable AI, fairness in machine learning, and interdisciplinary research that combines data mining with other domains like healthcare, finance, and social sciences. By doing so, TKDD will remain relevant and influential in an ever-changing landscape.

Promoting Interdisciplinary Collaboration: The future of data mining lies in its ability to collaborate with other disciplines. I intend to foster interdisciplinary collaboration by encouraging submissions that bridge the gap between data mining and other fields. This cross-pollination of ideas will lead to innovative solutions to complex problems and drive the development of new methodologies and techniques.

Diversity, Equity, and Inclusion: I am committed to promoting diversity, equity, and inclusion within the TKDD community. This includes actively seeking contributions from underrepresented groups in data mining and ensuring that the editorial board reflects the diversity of the global research community. We will also implement policies and practices that support a respectful and inclusive publishing environment.

Open Access and Reproducibility: Open access to research is crucial for the dissemination of knowledge. I will explore options for increasing the accessibility of TKDD content while maintaining the highest editorial standards. Additionally, I will emphasize the importance of reproducibility in research by encouraging authors to share code and datasets to facilitate the validation and extension of published work.

Engaging the Research Community: Engagement with the research community is vital for the success of TKDD. I plan to organize special issues, workshops, and webinars that bring together researchers, practitioners, and students. These initiatives will provide a platform for knowledge sharing, networking, and collaborative research.

High Ethical Standards: Maintaining the highest ethical standards in research and publication is non-negotiable. I will work diligently to uphold the integrity of TKDD by addressing issues related to plagiarism, data fabrication, and conflicts of interest. Transparent and ethical research practices are fundamental to the credibility of our journal.

Timely and Fair Reviews: I recognize the importance of timely and fair reviews in the publication process. I will ensure that manuscripts submitted to TKDD undergo rigorous yet efficient peer review. We will strive to provide authors with constructive feedback and a clear timeline for publication decisions.

My vision for ACM Transactions on Knowledge Discovery from Data is one of growth, inclusivity, and excellence. I am excited to lead TKDD into the future and work collaboratively with the TKDD community to achieve our shared goals. Thank you for considering my nomination, and I look forward to the opportunity to serve as EiC.

Sincerely,

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