

# Editorial

## IEEE TRANSACTIONS ON COGNITIVE AND DEVELOPMENTAL SYSTEMS

**A**S WE usher into the new year of 2024, in my capacity as the Editor-in-Chief of the IEEE TRANSACTIONS ON COGNITIVE AND DEVELOPMENTAL SYSTEMS (TCDS), I am happy to extend to you a tapestry of New Year greetings, may this year be filled with prosperity, success, and groundbreaking achievements in our shared fields.

Reflecting on our journey, 2023 was a remarkable year for TCDS. We continue the trajectory of growth and excellence, reaching an even more impressive impact factor of 5.0. Furthermore, in the first time, TCDS is ranked Q1 in terms of Journal Citation Indicator (JCI), on top of the journals in the three categories: 1) computer science-artificial intelligence; 2) robotics; and 3) neuroscience. This achievement is a testament to the quality of work our authors, reviewers, and editorial team contribute to our journal.

2024 also marks a new phase for TCDS: the publication frequency will be increased from 4 to 6 issues per annum. By implementing the bi-monthly publication schedule, TCDS is able to deliver more timely and relevant research to our readers and authors. It is a truly exciting change to our researchers!

Standing at the forefront of interdisciplinary research, merging insights from the diverse realms of artificial intelligence, neuroscience, and robotics, TCDS has gained its high impacts in the research fields of brain-inspired artificial intelligence, cognitive and neuroscience models, neuromorphic computing, cognitive robotics, human-robot interactions, multiagent systems, etc. As we delve into 2024, TCDS continues to be a beacon of excellence, fostering the dissemination of groundbreaking research that pushes the boundaries of our research.

The unwavering and spirited support from our academic community continues to flourish with enthusiasm and commitment. This sustained influx of high-quality manuscripts is a resplendent reflection of the enduring trust and keen interest in TCDS as a premier platform for cutting-edge research.

Finally, it is my pleasure to welcome new associate editors on board from around the world. Their diverse expertise and fresh perspectives are invaluable assets to TCDS, further enriching our journal's breadth and depth. Simultaneously, I wish to express my sincere gratitude to our existing board members and reviewers. Their dedicated efforts in reducing the review timeframe while maintaining the highest publication standards have been instrumental in our journal's success. I truly appreciate the commitments from all our TCDS stakeholders!

In the beginning of 2024, I eagerly look forward to seeing more innovative research works to usher in and continue to shape our areas.

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