EDITORIAL

Inaugural Editorial of the IECE Journal of Neural Computing and Applications

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Welcome to the inaugural issue of the *IECE Journal of Neural Computing and Applications*. As we embark on this exciting journey, we are thrilled to introduce a new platform dedicated to advancing the field of neural computing and its practical applications. This journal represents a collaborative effort by the Institute of Emerging and Computer Engineers (IECE) community to foster innovation, share cutting-edge research, and bridge the gap between theoretical advancements and real-world implementations in the field of neural computing.

The *IECE Journal of Neural Computing and Applications* aims to be a leading forum for researchers, engineers, and practitioners to disseminate high-quality research in the rapidly evolving domain of neural computing and applications across various fields. The journal encompasses a wide range of topics, including, but not limited to, machine learning, deep learning, artificial neural networks, computational intelligence, pattern recognition, and their applications in areas such as robotics, healthcare, finance, and data science. It seeks to provide a platform for researchers to share innovative ideas, algorithms, and methodologies that advance the understanding and practical use of neural computing in real-world problems. We welcome contributions that push the boundaries of what is possible, whether through theoretical breakthroughs, innovative applications, or interdisciplinary approaches that integrate neural computing with other fields.

The field of neural computing has witnessed unprecedented growth in the past decades, driven by advances in computational power, the availability of large datasets, and breakthroughs in algorithmic design. However, the growth comes the need for a dedicated platform that not only highlights the latest research but also encourages the translation of these advancements into practical solutions that benefit society. The *IECE Journal of Neural Computing and Applications* is uniquely positioned to address this need. By bringing together experts from academia, industry, and government, we aim to create a vibrant community that fosters collaboration and knowledge exchange. Our commitment to open access ensures that the research published in this journal reaches a global audience, maximizing its impact.

As the editorial team, we are committed to maintaining the highest standards of academic rigor and integrity. All submissions will undergo a rigorous peer-review

Academic Editor:
Fa Zhu

Submitted: 20 February 2025
Accepted: 20 February 2025
Published: 21 February 2025

Vol. 1, **No.** 1, 2025.
10.62762/JNCA.2025.196376

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Citation
Zhu, F. (2025). Inaugural Editorial of the IECE Journal of Neural Computing and Applications. *IECE Journal of Neural Computing and Applications*, 1(1), 1–2.

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process, ensuring that only the most impactful and innovative research is published. We also strive to provide timely and constructive feedback to authors, supporting them in their efforts to refine and improve their work. The success of this journal depends on the active participation of the global research community. We invite researchers, practitioners, and thought leaders to submit their work, share their expertise, and engage in meaningful discussions that will shape the future of neural computing. Whether you are a seasoned expert or a newcomer to the field, your contributions are invaluable in driving the progress of this exciting discipline.

We would like to extend our gratitude to the IECE leadership, the editorial board, and the countless individuals who have supported the creation of this journal. Your dedication and vision have made this endeavor possible. We also thank our authors, reviewers, and readers in advance for their contributions and engagement.

Thank you for joining us on this journey. We look forward to your contributions and to building a vibrant community that advances the frontiers of neural computing and its applications.

Conflicts of Interest

The author declares no conflict of interest.

Funding

This work was supported without any funding.



Fa Zhu received his Ph.D. in Control Science and Engineering from the School of Computer Science and Engineering, Nanjing University of Science and Technology, Nanjing, P.R. China in 2019. From 2016 to 2018, he was a Visiting Student with the Centre for Artificial Intelligence (CAI) and the Faculty of Engineering and Information Technology, University of Technology Sydney, Ultimo, NSW, Australia. Most of his researches have published on high prestigious journals, such as IEEE TNNLS, IEEE TIFS, IEEE TVT, IEEE TCE, IEEE IOTJ, IEEE JBHI, PR, Inf Sci, ESWA, EAAI, ASOC, NEURO etc. His current research interests include pattern recognition and machine learning, anomaly detection, Internet of Things etc. (Email: fazhu@njfu.edu.cn)