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Complexity and Entropy in Biomedical Circuits and Systems

Guest Editors:

Dr. Yu Wu

Department of Electronic and Electrical Engineering, University College London, London, WC1E 6BT UK

Prof. Dr. Shuo Gao

School of Instrumentation and Optoelectronic Engineering, Beihang University, Beijing 100191, China

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Message from the Guest Editors

Complexity in biomedical circuits and systems is a burgeoning field of research that explores the intricate and dynamic interplay between biology and engineering.

This Special Issue aims to gather innovative ideas and effective methods based on entropy/information theory/complexity theory from the complex biomedical circuits and systems field. This Special Issue will accept unpublished, original papers and comprehensive reviews focused on (but not restricted to) the following research areas:

- entropy in biomedical systems;
- bio-sensing and microfluidics;
- information theory and bioinformatics;
- neural signal and information theory;
- AI and edge computing for healthcare;
- neuromorphic hardware;
- medical and surgical robots;
- brain and human–machine interfaces;
- personalized medicine;
- CMOS integrated circuit and systems.



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Special Issue



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Editor-in-Chief

Prof. Dr. Kevin H. Knuth

Department of Physics, University
at Albany, 1400 Washington
Avenue, Albany, NY 12222, USA

Message from the Editor-in-Chief

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Entropy Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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