## Special Issue

# Interpretable Deep Learning in Electronics, Computer Science and Medical Imaging

### Message from the Guest Editor

Artificial intelligence (AI), particularly, deep learning (DL), which involves automated feature extraction using deep neural networks (DNNs), has been used increasingly by electronics engineer, computer scientist, and physicians. AI can analyze computer vision and medical images at a level not possible by a single person. However, the resulting parameters are difficult to interpret. The aim of the Special Issue is to help realize interpretable DL in electronics, computer science, and medical imaging, and help to establishing accountability in medical imaging to explain the classification results clearly. Topics of interest of this Special Issue include, but are not limited to:      Interpretable DL in electronics    Interpretable DL in computer science    Interpretable DL in medical imaging    Non-black-box machine learning    Interpretable large decision trees and random forests    Interpretable machine learning    Converting deep neural network to decision trees    Interpretable decision trees Welcome to contribute!

### Guest Editor

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### Deadline for manuscript submissions

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# About the Journal

**Message from the Editor-in-Chief**

*Electronics* is a multidisciplinary journal designed to appeal to a diverse audience of research scientists, practitioners, and developers in academia and industry. The journal is devoted to fast publication of latest technological breakthroughs, cutting-edge developments, and timely reviews of current and emerging technologies related to the broad field of electronics. Experimental and theoretical results are published as regular peer-reviewed articles or as articles within Special Issues guest-edited by leading experts in selected topics of interest.

**Editor-in-Chief**

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