Special Issue

Deep Learning Models and Applications to Computer Vision

Message from the Guest Editors

This Special Issue aims to publish cutting edge research in privacy and security enabled solutions to different vision related tasks such as recognition, tracking, autonomous driving, medical image analysis and classification. The Special Issue will accept unpublished original papers and comprehensive reviews focused (but not limited to) on the following research areas

- Entropy-based object recognition;
- Spatial-entropy-based computer vision models;
- Mathematical advancement in deep learning models;
- Light weight deep learning models for edge devices/resource constrained devices;
- Privacy aware computer vision solutions;
- Visual data security;
- Identification and mitigation techniques for cyber-attacks on image and video data;
- Deep learning methods for image style transfer;
- Deep learning methods for image segmentation;
- Deep learning methods for object detection and classification;
- Virtual reality applications;
- Immersive technology;
- Application of deep learning methods for human computer interaction;
- Smart cities.

Guest Editors

Dr. Nadia Kanwal

School of Computer Science and Mathematics, Keele University, Staffordshire ST5 5GB, UK

Dr. Mohammad Samar Ansari

Physical, Mathematical and Engineering Sciences, University of Chester, Parkgate Road, Chester CH1 4BJ, UK

Deadline for manuscript submissions

closed (30 September 2023)

Entropy

an Open Access Journal by MDPI

Impact Factor 2.0
CiteScore 5.2
Indexed in PubMed

mdpi.com/si/152064

Entropy
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
entropy@mdpi.com

mdpi.com/journal/entropy

Entropy

an Open Access Journal by MDPI

Impact Factor 2.0
CiteScore 5.2
Indexed in PubMed

mdpi.com/journal/entropy

About the Journal

Message from the Editor-in-Chief

The concept of entropy is traditionally a quantity in physics that has to do with temperature. However, it is now clear that entropy is deeply related to information theory and the process of inference. As such, entropic techniques have found broad application in the sciences.

Entropy is an online open access journal providing an advanced forum for the development and/or application of entropic and information-theoretic studies in a wide variety of applications. *Entropy* is inviting innovative and insightful contributions. Please consider *Entropy* as an exceptional home for your manuscript.

Editor-in-Chief

Prof. Dr. Kevin H. Knuth
Department of Physics, University at Albany, 1400 Washington Avenue, Albany, NY 12222, USA

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), Inspec, PubMed, PMC, Astrophysics Data System, and other databases.

Journal Rank:

JCR - Q2 (Physics, Multidisciplinary) / CiteScore - Q1 (Mathematical Physics)

MDPI