

## Special Issue

# Neuroinformatics and Signal Processing

### Message from the Guest Editors

This Special Issue is dedicated to cutting-edge research in data structures, neuroinformatic databases, machine learning, and analysis pipelines combined with advanced signal processing algorithms. We invite and welcome review, expository, and original research articles dealing with the recent advances in the application of the following topics to neuroscience:

- Signal processing and image analysis;
- Applied mathematics and modelling;
- Statistical inference methods and machine learning;
- Neuroinformatics analysis pipelines, data structures, and standards

It is a prerequisite that the code used in the papers be available in a public repository.

---

### Guest Editors

Dr. Dimitar Prodanov

1. EHS and NERF, Interuniversity Microelectronics Center (Imec), 3001 Leuven, Belgium
2. IICT, Bulgarian Academy of Sciences, 1113 Sofia, Bulgaria

Prof. Dr. Newton Howard

Computational Neuroscience and Functional Neurosurgery, University of Oxford, Oxford OX3 9DU, UK

---

### Deadline for manuscript submissions

closed (30 June 2021)



## Brain Sciences

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.8  
CiteScore 5.6  
Indexed in PubMed



[mdpi.com/si/57912](https://mdpi.com/si/57912)

*Brain Sciences*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[brainsci@mdpi.com](mailto:brainsci@mdpi.com)

[mdpi.com/journal/brainsci](https://mdpi.com/journal/brainsci)





# Brain Sciences

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.8  
CiteScore 5.6  
Indexed in PubMed



[mdpi.com/journal/  
brainsci](https://mdpi.com/journal/brainsci)



## About the Journal

### Message from the Editor-in-Chief

You are invited to contribute a research article or a comprehensive review for consideration and publication in *Brain Sciences* (ISSN 2076-3425). *Brain Sciences* is an open access, peer-reviewed scientific journal that publishes original articles, critical reviews, research notes, and short communications on neuroscience. The scientific community and the general public can access the content free of charge as soon as it is published.

---

### Editor-in-Chief

Prof. Dr. Stephen D. Meriney

Department of Neuroscience, University of Pittsburgh, Pittsburgh, PA  
15260, USA

---

### Author Benefits

#### High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, PMC, Embase, PSYINDEX, PsycInfo, CAPlus / SciFinder, and other databases.

#### Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 16.2 days after submission; acceptance to publication is undertaken in 1.9 days (median values for papers published in this journal in the first half of 2025).

#### Recognition of Reviewers:

reviewers who provide timely, thorough peer-review reports receive vouchers entitling them to a discount on the APC of their next publication in any MDPI journal, in appreciation of the work done.