



## Reusing and Distilling Knowledge in Deep Neural Networks

Guest Editor:

**Dr. Dimitris Kastaniotis**

Department of Physics, University  
of Patras, 26504 Rion, Greece

Deadline for manuscript  
submissions:

**closed (25 September 2023)**

### Message from the Guest Editor

Dear Colleagues,

This Special Issue will feature the recent approaches of methods that are able to extract information embodied in collections of raw data from one or more modalities and encoded in one or more deep neural network models in order to learn efficient feature representations.

### Topics include, but are not limited to:

- Knowledge distillation with novel student–teacher schemes;
- Self-supervision sequence learning (video, audio and natural language);
- Unsupervised or self-supervised learning methods;
- Knowledge transfer between modalities (vision, audio and NLP);
- Self-supervising with multiple modalities.

Dr. Dimitris Kastaniotis

*Guest Editor*





an Open Access Journal by MDPI

## Editor-in-Chief

### Prof. Dr. Willy Susilo

School of Computer Science and  
Software Engineering, University  
of Wollongong, Northfields  
Avenue, Wollongong, NSW 2522,  
Australia

## Message from the Editor-in-Chief

The concept of *Information* is to disseminate scientific results achieved via experiments and theoretical results in depth. It is very important to enable researchers and practitioners to learn new technology and findings that enable development in the applied field.

*Information* is an online open access journal of information science and technology, data, knowledge and communication. It publishes reviews, regular research papers and short communications. We invite high quality work, and our review and publication processing is very efficient.

## Author Benefits

**Open Access:** free for readers, with [article processing charges \(APC\)](#) paid by authors or their institutions.

**High Visibility:** indexed within [Scopus](#), [ESCI \(Web of Science\)](#), [Ei Compindex](#), [dblp](#), and [other databases](#).

**Journal Rank:** [CiteScore - Q2](#) (*Information Systems*)

## Contact Us

---

*Information* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/information](http://mdpi.com/journal/information)  
[information@mdpi.com](mailto:information@mdpi.com)  
[X@InformationMDPI](#)