Special Issue

Applied Deep Learning in Sensitive and Biometric Information Protection

Message from the Guest Editors

As smart devices are increasingly used in our daily lives, their importance in managing our sensitive personal data is also increasing. Regarding protecting privacy, deep learning, such as generative adversarial networks (GANs), deep neural networks (DNNs), temporal convolutional networks (TCNs), and convolutional neural networks (CNNs), stands out. These tools analyze data with high accuracy and are widely used. They detect, identify, analyze, classify, and extract features from comprehensive datasets including various smart devices and attack scenarios, achieve the accurate protection of various scenario datasets, promote secure data sharing for research and analysis, and protect personal privacy.
Research papers and reviews in related fields are welcome: Deep learning; Segmentation; Feature extraction; Generative adversarial networks; Sensitive information; Information security; Convolutional neural networks; Classification based on deep learning; Convolutional networks; Biometric information.

Guest Editors

Dr. Dario Allegra
Department of Mathematics and Computer Science, University of Catania, Viale Andrea Doria 6, 95125 Catania, Italy

Dr. Georgia Fargetta
Department of Mathematics and Computer Science, University of Catania, Viale Andrea Doria 6, 95125 Catania, Italy

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

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo
Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32, 20133 Milano, Italy

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