Special Issue

Deep Learning-Based Soft Sensors

Message from the Guest Editors

Contributes are invited on the following topics: -Data-driven methods for Soft Sensor (SS) design;
  -Deep belief networks for SS design;
  -Autoencoders for SS design;
  -Long- and short-term memory networks for SS design;
  -Convolution neural networks for SS design;
  -Ensemble methods;
  -Model structure selection;
  -Small and large dataset;
  -Semisupervised learning;
  -Model validation;
  -Hyperparameters design;
  -Learning methods;
  -Computational complexity;
  -Feature selection in SS design;
  -Soft Sensors (SSs) for industrial applications;
  -SSs for inferential control;
  -SSs for monitoring and fault detection.

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Deadline for manuscript submissions

closed (30 June 2020)

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About the Journal

Message from the Editor-in-Chief

Sensors is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. Sensors organizes Special Issues devoted to specific sensing areas and applications each year.

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