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Deep Learning for Sensors and Actuators

Guest Editor:

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Deadline for manuscript submissions:
closed (15 August 2021)

Message from the Guest Editor

The Special Issue titled "Deep Learning for Sensors and Actuators" aims to present current concrete work that successfully uses deep learning approaches in sensor data processing or actuator control. Possible contributions for this Special Issue could come from the following subject areas, for example:

- Deep learning for sensor data time series analysis
- Deep learning for heterogeneous sensor networks
- Deep learning for multimodal sensor data fusion
- Deep learning for the control of robots and other actuator systems
- Deep learning for the control of systems/machines
- Deep learning for embedded systems with sensors and actuators
- Surveys/overviews on the topic of "deep learning for sensor data processing"
- Surveys/overviews on the topic of "deep learning for the control of actuators"

This Special Issue is based on contributions to the Deep Learning Update (DLU) 2021 Conference (see http://www.deep-learning-update.org/). Authors of selected outstanding papers from the conference are invited to submit an extended version of their work. Furthermore, completely new submissions from the community are also welcome.

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Message from the Editor-in-Chief

I encourage you to contribute research and comprehensive review articles for publication in Journal of Sensors and Actuator Networks (JSAN), an international, open access journal which provides an advanced forum for research findings in areas of sensors and actuators. The journal publishes original research articles, reviews, conference proceedings (peer reviewed full articles) and communications. I am confident you will find the journal contributes to enhancing understanding of sensors and actuators and fostering applications of sensor-based measurements and effective actuator incorporation.

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