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Deep Learning-Based Soft Sensors

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Deadline for manuscript
submissions:

closed (30 June 2020)

Message from the Guest Editors

Dear Colleagues,

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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Message from the Editor-in-Chief

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