Intelligent Sensors for Industrial Process Monitoring

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Deadline for manuscript submissions:
closed (31 July 2023)

Message from the Guest Editors

Dear Colleagues,

Nowadays, the fast growth of intelligent manufacturing and Industrial 4.0 require sophisticated and agile sensors to collect rich process parameters for process diagnosis, optimization, and control. Compared with traditional temperature and pressure sensors, the newly demanded sensors are expected to collect more complex data, such as the velocity, composition, and viscosity of fluids, and thereafter, the extract process status from the time-series of those data in real-time, which were not achievable through simple sensors. This requires the sensors to operate in various new sensing principles and collect the 2D/3D distributed information in space and also in time and/or spectrum.

This Special Issue solicits papers which focus on sensors for industrial process measurement and diagnosis, including, but not limited to, sensing principles, sensing methods, sensing systems, and sensing modeling.

Please contact the Guest Editors or the Assistant Editor at (ava.jiang@mdpi.com) for any queries.
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Special Issue

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Message from the Editor-in-Chief

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