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Advances in Flow and Wind Sensors

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Deadline for manuscript submissions:

closed (30 June 2020)

Message from the Guest Editors

Dear Colleagues,

Flow sensors and wind sensors are strictly related devices, since both involve the direct or indirect measurement of a fluid velocity. In last decade, the interest in flow sensors has been steadily increasing, driven by the need of smart systems for the management of fluids in the next generation of home appliances, autonomous vehicles, and biomedical devices. Similarly, emerging applications in the field of smart agriculture, aerospace, environment monitoring, and flight assistance for unmanned vehicles are urging the development of innovative wind sensors with adequate performances.

This Special Issue is devoted but not limited to the following topics:

- Theory of flow sensors and wind sensors;
- Technology of flow sensors for liquids;
- Technology of flow sensors for gases;
- Flow and wind sensors based on MEMS devices;
- Flow sensors for microfluidic devices and systems;
- Emerging applications of flow and wind sensors;
- Experimental characterization and calibration of innovative flow and wind sensors.

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Prof. Dr. Massimo Piotto

Guest Editors



mdpi.com/si/22024

Special Issue



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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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