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Advances in Optical Resonator Sensors

Guest Editor:

Prof. Dr. Ming Ding
Research Institute for Frontier
Science, Beihang University,
Beijing 100191, China

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Message from the Guest Editor

Dear Colleagues,

An optical resonator has the advantages of high energy density, high quality factor and small spatial size. It has a good application prospect in quantum communication, nonlinear optics, narrowband filtering, and especially, the sensor. The theoretical and experimental research based on the optical resonator sensor has very important scientific significance for the development of the sensor.

This Special Issue is addressed to all types of sensors based on optical resonator and designed for temperature sensing, strain detection, pressure measurement, gas sensing, magnetic field detection and biosensing, etc.

Prof. Dr. Ming Ding
Guest Editor



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Special Issue



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Prof. Dr. Vittorio M. N. Passaro

Dipartimento di Ingegneria
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(Department of Electrical and
Information Engineering),
Politecnico di Bari, Via Edoardo
Orabona n. 4, 70125 Bari, Italy

Message from the Editor-in-Chief

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Sensors Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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