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Precise Fiber Optic Sensors for Industrial, Environmental and Health Monitoring

Guest Editors:

Prof. Dr. Chii-Ruey Lin

Department of Mechanical Engineering, National Taipei University of Technology, Taipei 106, Taiwan

Prof. Dr. Mu-Chun Wang

Department of Electronic Engineering, Minghsin University of Science and Technology, Hsinchu 30401, Taiwan

Deadline for manuscript submissions:

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Message from the Guest Editors

Advances in bio, medicine, science, and industry in measurement or system integration are mandatory to develop the precise sensing capability for the minimal level of tested species. In terms of sensors, besides the sensing sensitivity and accuracy, the undisturbed function to the device-under-test is essential. The fiber-optic (FO) sensor technology meets these high expectations. Due to the desire to shrink the amount, size, or space of tested samples in each sensing field, the novel sensing theory, fabrication technologies, and characteristic extraction in FO sensors are demonstrated. Each FO sensing part is important to impact the sensing precision and incorporation. Through contributors' efforts, the pertinent achievements of FO sensors in the development of sensing systems beneficial to the human beings are tremendous.

The upcoming Special Issue will offer a platform for research on all types of FO sensors designed for sensing precise parameters or system integration, trends in the applications of FO sensors, and discussion on the future directions for sensing metro.



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Special Issue



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Editor-in-Chief

Prof. Dr. Vittorio M. N. Passaro

Department of Electrical and
Information Engineering,
Politecnico di Bari, Via Orabona
4, 70126 Bari, Italy

Message from the Editor-in-Chief

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Sensors Editorial Office
MDPI, Grosspeteranlage 5
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