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Embedding Optical Fiber Sensors and Applications

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Deadline for manuscript submissions:

closed (15 April 2023)

Message from the Guest Editors

Dear Colleagues,

The flexibility and small dimensions of optical fiber sensors in their many variants enable embedment in different structures with a variety of geometries and configurations. In the last few years, the embedment of optical fibers in concrete and composite structures has been reported in structural health monitoring applications. Similarly, such sensors are also integrated in dams or diaphragm construction walls for leakage monitoring. In addition, optical fibers are embedded in pipelines for their structural monitoring and the assessment of leakages, as well as in robotics, biomechanics, and biomedical applications. This Special Issue invites contributions dealing with the research and development of optical fiber sensors and their embedment in different flexible and rigid structures, which constitute the backbone of the next generation of smart structures.

For more details, please visit [here](#).



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Special Issue



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Message from the Editor-in-Chief

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