



Research on Sensing Technology in Extreme Environment

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Message from the Guest Editor

Dear Colleagues,

In the fields of aviation, aerospace, nuclear power and oil exploration, sensors and detection technologies under extreme environments such as high temperature, high pressure and strong electromagnetic interference are key technologies to ensure the safe operation of relevant equipment in these fields. In these extreme environments, strain, pressure, acceleration, temperature and other parameters need to be detected. The latest sensing technology used to detect these parameters detection can effectively promote the improvement of detection levels in relevant fields.

Therefore, the aim of this Special Issue is to collect original research and review articles regarding the latest progress, technologies, solutions, applications and new challenges under extreme environmental conditions.

- optical fiber sensor technology
- physical sensors
- industrial applications of sensors
- sensing technology under high temperatures and high pressure
- sensing technology under strong electromagnetic interference
- optical sensing technology through fluid





sensors



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Message from the Editor-in-Chief

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