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## Toward the Application of Smart Self-Sensing Nanocomposites to Structural Health Monitoring

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Deadline for manuscript  
submissions:

**closed (31 March 2022)**

### Message from the Guest Editors

The multifunctional properties of epoxy-based nanocomposites reinforced with carbon nanoparticles are attracting the attention of scientists and designers of structural and prognostic health monitoring systems. The idea of creating a composite structure capable of self-sensing potential deterioration mechanisms within the material by a measure of its piezoresistivity could potentially revolutionize the concept of sensor network design.

This Special Issue is intended to bring together the various efforts made in developing methods to increase the readiness of this technology for future industrial application, including manufacturing strategies, modeling frameworks, and the development of ternary-state nanocomposites, with a special focus on increasing the sensor performance predictability.

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

Dr. Claudio Sbarufatti  
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*Guest Editors*



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**Special** Issue



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## Message from the Editor-in-Chief

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