

## Advances in Eddy Current Non-destructive Testing

Guest Editor:

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### Message from the Guest Editor

The Special Issue aims to provide an in-depth overview of the latest developments in the field. The articles in this Special Issue attend to a wide range of topics, including the following:

- Advanced sensor/sensor array design: This includes the application novel materials to create more sensitive and selective sensors. It also includes the development of new sensor geometries.
- Eddy current data processing and automatic evaluation: This includes the application of machine learning/AI to analyze eddy current data.
- Industrial applications: This includes the application of the eddy current testing of complex materials as well as the inspection of industrial structures.
- Multimodal sensing: Multimodal sensing, which combines eddy current with other sensing modalities.
- Miniaturization and portability: This includes the development of handheld or mobile systems that can be employed in the field.

The Special Issue provides a comprehensive overview of the latest developments in ECT technology. We are hoping to identify the ability of eddy currents to improve efficiency, minimize waste and support manufacturing and energy systems.

