# **Special Issue**

# Intelligent Sensing for Conductive Materials and Performance

### Message from the Guest Editor

Intelligent sensing for conductive materials and performance is a specialised application of intelligent sensing technology that focuses on materials with electrical conductivity properties. This field combines advanced sensing techniques, data analysis, and artificial intelligence to monitor, assess, and optimize the behavior and performance of conductive materials and the systems they are integrated into. In civil, mechanical and aerospace engineering, conductive materials may be employed in structural components. Intelligent sensing can help monitor the conductivity of these materials to detect damage, corrosion, or stressinduced changes, ensuring the structural integrity of critical systems. This Special Issue will present the results of research on intelligent sensing for conductive materials and performance in civil, mechanical and aerospace engineering. For more information, please visit: mdpi.com/si/185151

### Guest Editor

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# Deadline for manuscript submissions

closed (25 March 2024)



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## Message from the Editor-in-Chief

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#### Editor-in-Chief

#### Prof. Dr. Vittorio M. N. Passaro

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