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Thermography Sensing-Based Non-destructive Testing Methods and Applications

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Deadline for manuscript submissions:
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Message from the Guest Editors

Dear Colleagues,

Thermography non-destructive testing is an overarching field of research focusing on the physics–mathematical foundations and practical applications of thermography NDT and its multi-excitation, interpretation, system, signal processing and artificial intelligent algorithms that learn, reason and act. Potential topics for this Special Issue include but are not limited to the following:

- Induction, optical, laser, ultrasound, and flash thermography NDT;
- Multimodality excitation, such as lock in, pulsed, step heating, etc.;
- Physical guided thermography processing and machine learning;
- Different thermography NDT applications;
- Computer vision and 3D reconstruction by multimodal sensor data fusion;
- Fusion of thermography NDT with other NDT methods;
- Non-destructive testing and evaluation and structure health monitoring for material characterization, structural integrity, etc.

For more information, please visit: mdpi.com/si/189020

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Message from the Editor-in-Chief

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