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Thermography Technique in Materials Science

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Deadline for manuscript
submissions:

closed (30 November 2021)

Message from the Guest Editor

Dear Colleagues,

For several years, we have experienced a revolution in material science in aerospace and other hi-tech industries. Metal structures, which were subject to corrosion and fatigue damage, are now being made of composites and ceramics. The importance of infrared nondestructive testing (IRNDT) has greatly increased in the last decade due to its effectiveness in the inspection of composite and ceramic materials. Two challenging research fields for IR thermography are the detection of structural defects in composite materials and the characterization of the thermal properties of novel anisotropic materials. The goal of this Special Issue is to provide a platform for sharing newly-found knowledge and experience in the development of both hardware and software for IRNDT.

This Special Issue invites original submissions that reflect recent achievements in IRNDT and the characterization of materials by the use of both passive and active infrared thermography.



mdpi.com/si/26109

Special Issue



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Message from the Editor-in-Chief

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