



Characterization of Thin Films and Superlattice Using Thermal Wave Methods

Guest Editor:

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Deadline for manuscript
submissions:

closed (10 September 2023)

Message from the Guest Editor

Dear Colleagues,

Thermal conductivity plays a significant role in applications focused on measuring the accurate amount of energy dissipation. Investigating this parameter will thereby pave the way for fundamental thin film characterization research. Thermal conductivity can be measured using frequency and time-domain methods. Frequency domain methods, in contrast to time-domain methods, can also quantify thermal diffusivity as well as important parameters such as thermal boundary resistance. This Special Issue is addressed to publish papers about the investigation of these parameters in thin films using thermal wave methods such as photothermal infrared radiometry, thermoreflectance, photothermal beam deflection method, thermal lens method, and photoacoustics. We look forward to all contributions.

Best wishes,

Prof. Dr. Michał Pawlak
Guest Editor





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Editor-in-Chief

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Message from the Editor-in-Chief

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