



Advances in Thermal Spray Technology

Guest Editor:

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Message from the Guest Editor

Dear Colleagues,

Thermal spray technology is widely adopted industrially to combat diverse forms of surface degradation caused by wear, corrosion, oxidation, high thermal load, etc. Nonetheless, improvements in coating quality are incessantly sought to further enhance durability and/or performance of components operating in increasingly aggressive environments. This has led to technology advancements on various fronts, spanning feedstock materials, process variants, torch designs, coating architectures, etc. These have also been complemented by modelling efforts, as well as the availability of improved diagnostic tools and reliable control systems, resulting in robust shop-floor thermal spray capabilities to consolidate existing applications and spur new ones.

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Guest Editor





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Message from the Editor-in-Chief

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