

Special Issue on Material Modification and Treatment

Call for Papers

Material modification is understood as the process of the materials change resulting from material stress. This includes processes like structural changes, dislocation motion and formation of residual stress. Also chemical processes running during the process are part of material modifications. A modified surface/surface layer occurs as consequence of this process.

In this special issue, we intend to invite front-line researchers and authors to submit original researches and review articles on exploring **material modification and treatment**. Potential topics include, but are not limited to:

- Material properties
- Basic mechanisms, theory and fundamentals
- Casting, forming and machining
- Additive processing
- Joining technologies
- Nano-science and technology
- Surface engineering
- Biomedical and industrial applications

Authors should read over the journal's [For Authors](#) carefully before submission. Prospective authors should submit an electronic copy of their complete manuscript through the journal at [Paper Submission System](#).

Please kindly specify the “**Special Issue**” under your manuscript title. The research field “**Special Issue – Material Modification and Treatment**” should be selected during your submission.

Special Issue timetable:

Submission Deadline	August 24th, 2017
Publication Date	October 2017

Guest Editor:

For further questions or inquiries
Please contact Editorial Assistant at
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