



Special Issue on Thin Film Physics

Call for Papers

A thin film is a layer of material ranging from fractions of a nanometer to several micrometers in thickness. Electronic semiconductor devices and optical coatings are the main applications benefiting from thin film construction. A familiar application of thin films is the household mirror, which typically has a thin metal coating on the back of a sheet of glass to form a reflective interface. The process of silvering was once commonly used to produce mirrors. A very thin film coating is used to produce two-way mirrors. Work is being done with ferromagnetic and ferroelectric thin films for use as computer memory. It is also being applied to pharmaceuticals, via thin film drug delivery. Thin-films are used to produce thin-film batteries. Thin films are also used in dye-sensitized solar cells. Research is being done on a new class of thin film inorganic oxide materials, called amorphous heavy-metal cation multicomponent oxides, which could be used to make transparent transistors that are inexpensive, stable, and environmentally benign.

In this special issue, we intend to invite front-line researchers and authors to submit original research and review articles on exploring **Thin Film physics**.

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

Please kindly notice that the "Special Issue" under your manuscript title is supposed to be specified and the research field "**Special Issue —Thin Film Physics**" should be chosen during your submission.

According to the following timetable:

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Guest Editor

For further questions or inquiries
Please contact Editorial Assistant at
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