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Electrical and Optical Properties of Metal Oxide Thin Films

Guest Editor:

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Message from the Guest Editor

Metal oxide thin films are among the primary factors boosters of the recent advances in microelectronics and optoelectronics which have resulted in explosive growth in communications and information processing, storage and display applications. Metal oxides present a wide diversity of electrical, optical, magnetic, piezoelectric, and acoustic properties with uses in a wide variety of applications. The successful application of metal oxides depends to a great extent on finding effective ways to modify and tune their electrical and optical properties.

In this Special Issue, we will address recent progress in metal oxide thin films, the technology behind them, and their advanced characterization. A special focus should be placed on their electrical and optical properties in relation to specific micro-, opto- and acoustoelectronic as well as sensor applications.

It is my pleasure to invite you to submit a manuscript for inclusion in this Special Issue. Full papers, communications, and reviews are all welcome.



Specialsue





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Message from the Editor-in-Chief

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