

Special Issue on
**Design of Novel Complex Nanomaterials: Experimental
and Theoretical Approaches**

CALL FOR PAPERS

This Special Issue is dedicated to current research activities on complex nanomaterials, by combining experimental and theoretical methods, in order to reveal a close relationship between its chemical structure and properties at the nanoscale. The core focus of this special issue brings together basic and applied researchers working in this field, in order to identify new computational and experimental strategies that are aimed at a more fundamental understanding of nanomaterials properties, which is crucial for its design and application. In addition, the development of new strategies may forecast some future directions to build a huge variety of new complex nanomaterials with tailored properties and is highly desirable for high-performance technological applications. Therefore, the editors are pleased to invite authors to contribute high-quality, original research articles as well as review articles on both fundamental and applied aspects of novel complex nanomaterials.

To conclude, this special issue welcomes research spanning all nanomaterial types with the most diverse application, however, focusing on combined studies theory and experiment.

Potential topics include but are not limited to the following:

- ▶ Structure-properties relationship of complex nanomaterials
- ▶ Biomaterials, carbon/graphene, and nanocomposites
- ▶ Computational materials characterization and computing tools
- ▶ Surfaces, interfaces, nanostructures, and their applications

Authors can submit their manuscripts through the Manuscript Tracking System at <http://mts.hindawi.com/submit/journals/jnm/dncn/>.

Papers are published upon acceptance, regardless of the Special Issue publication date.

Lead Guest Editor

Felipe A. La Porta, Federal University of Technology-Paraná, Londrina, Brazil
felipelaporta@utfpr.edu.br

Guest Editors

Anderson R. Albuquerque, Ciência e Tecnologia, Floresta, Brazil
anderson.reis@ifsertao-pe.edu.br

Milan Zunic, University of Business and Technology, Jeddah, Saudi Arabia
milan@ubt.edu.sa

Gabriela B. Barin, Swiss Federal Laboratories for Materials Science and Technology, Dübendorf, Switzerland
gabriela.borin-barin@empa.ch

Jefferson M. De Andrade, Universidade Federal da Paraíba, João Pessoa, Brazil
jmaul@quimica.ufpb.br

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