



Turkish Journal of Physics

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**Call for Papers for Special Issue on:
“Nano- and Self-Assembled Structures”**

Guest editors:

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Special issue theme and topics

The Turkish Journal of Physics announces a Special Issue on Nano- and Self-Assembled Structures to be published in **November 2014**. The issue will feature invited and contributed papers. To be included in the special issue, the manuscripts must be submitted electronically by 1 May 2014. The manuscripts will be subjected to the standard peer review process employed by the journal.

This is a very topical subject matter and is pursued very rigorously worldwide with ubiquitous applications in electronics, optoelectronics, energy, magnetism, materials, etc. The systems will include, but are not limited to, elemental semiconductors, compound semiconductors, oxides, organic crystals, polymers, and embedded nanostructures.

Topics of interest include, but are not limited to:

- Nanostructured/self-assembled structures based on GaN and related nitrides.
- Nanostructured/self-assembled structures for plasmonic properties.
- Nanostructured/self-assembled structures for thermoelectric properties.
- ZnO based nanostructured/self-assembled structures.
- Amorphous Si with Si nanocrystals used for photovoltaics.
- Nanostructured/self-assembled semiconductors for dilute magnetic properties.
- Nanostructured/self-assembled structures, including rare earth doped ones, for magnetic properties.
- Nanostructured/self-assembled materials for optical properties.
- Nanostructured/self-assembled structures for dielectric properties.
- Nanostructured/self-assembled structures involving rare earth doping for optical properties.
- Self-assembled organic nanostructures for optoelectronics.
- Organic nanostructures: from chemistry to molecular electronics.

Last date for submission: 1 May 2014

Publication date: November 2014

Submission Process:

All manuscripts must be submitted electronically via the Internet to the Turkish Journal of Physics through the online system for TÜBİTAK journals at <http://online.journals.tubitak.gov.tr/login.htm?FIZ>. You will be guided stepwise through the creation and uploading of the various files. There are no page charges.

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