

Journal of Nanoengineering and Nanomanufacturing
A Special Issue on “Electronic Properties of Nano-structured Materials”

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The combination of the concept of the asymmetry of the wave-vector space of the charge carriers in semiconductors having various band structures with the modern techniques of fabricating nano-structured materials such as MBE, MOCVD and FLL in one, two and three dimensions (such as quantum wells(QWs), doping super-lattices, accumulation and inversion layers, quantum well super-lattices, carbon nanotubes, nano wires, quantum wire super-lattices, magnetic quantization, magneto size quantization, quantum dots, magneto accumulation and inversion layers, magneto NIPs, magneto quantum well super-lattices, quantum dot super-lattices and other field aided low dimensional systems) spawns not only useful quantum effect devices but also unearth new concepts in the realm of low dimensional solid state science and related disciplines. These semiconductor nanostructures occupy a central position in the entire arena of Nanoengineering and Nanomanufacturing in general, by their own right and find extensive applications. This special issue focuses on **new trends in the Electronic Properties of Nano-structured Materials**. Emphasis will be on both theoretical and experimental research works leading to new concepts. We invite the submission of original full-length research articles and short communications for rapid publication on the aforesaid fields and related disciplines.

Manuscript Submission

Manuscripts must be prepared according to Journal’s guidelines, available at <http://www.aspbs.com/jnan/>. **Submit your manuscripts in MS word or PDF format online to any of the following email addresses of Guest Editors.** In the cover letter; please mention that the manuscript is submitted for the special issue. All papers submitted to this issue will be subject to a strict peer review process to ensure high quality articles. Please also mention in the cover letter that the submitted paper has not been published previously and is not currently submitted for review to any other journal and will not be submitted elsewhere before a decision is made by this journal.

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