

ICCES'12 Symposium
Computational mechanics of nanomaterials and nanostructures

The scope of the "*Computational mechanics of nanomaterials and nanostructures*" is to provide a comprehensive overview of modeling methods, computational simulation techniques, and related numerical works on the mechanics of all types of materials and structures formed in nanoscale. Special emphasis is on the scientific exchange among specialists working in the fields of the computational technology for carbon-based nanostructures and nanomaterials. The Symposium is focused on the methods or on a specific field of application. Therefore, scientists from all areas are welcome. Thus, it is the purpose of the Symposium to enhance the transfer of methods and experience among different fields.

Possible topics include but are not limited to:

- Modeling and simulation of nanomaterials
- Modeling and simulation of nanocomposites
- Computational technology and implementation for statics, stability and dynamics of nanostructures
- Modeling and simulation of nonlinear properties in nanomaterials and nanosystems
- Computational analysis for the characterization of nanomaterials and nanocomposites
- Simulation of nanoscale systems and applications

In case of questions or comments please feel free to contact me by email (nanif@mech.upatras.gr) at any time.

N. Anifantis, Symposium Organizer