

## Special Issue

# Mechanical Properties of Thin Coatings, Composites and Nano Materials

### Message from the Guest Editors

The depth-sensing indentation (DSI) test is widely used technique for determine the mechanical properties of thin coatings and composites materials. This Special Issue will focus on the methods and procedures that can be used in experimental and numerical DSI tests and contribute to the evaluating of the mechanical properties of thin films and composite materials, paying special attention to the nanocomposites, i.e., those reinforced by nanoparticles, nanotubes, or nanofibers. Furthermore, the aim of this Special Issue is to gather recent achievements towards experimental characterization and modelling of the mechanical behaviour of nanocomposites, including but not limiting ones reinforced by carbon nanotubes. The contributions to the modelling and numerical simulation of the mechanical behaviour of carbon and non-carbon nanotubes and nanofibers, which are helpful for the design methodologies to produce nanocomposites, are also welcome.

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### Deadline for manuscript submissions

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*Materials* (ISSN 1996-1944) was launched in 2008. The journal covers twenty-five comprehensive topics: biomaterials, energy materials, advanced composites, advanced materials characterization, porous materials, manufacturing processes and systems, advanced nanomaterials and nanotechnology, smart materials, thin films and interfaces, catalytic materials, carbon materials, materials chemistry, materials physics, optics and photonics, corrosion, construction and building materials, materials simulation and design, electronic materials, advanced and functional ceramics and glasses, metals and alloys, soft matter, polymeric materials, quantum materials, mechanics of materials, green materials, general. *Materials* provides a unique opportunity to contribute high quality articles and to take advantage of its large readership.

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