



International Symposium on

NANOENGINEERED COMPOSITES: Properties, modelling and applications

July 15-17, 2015, Roskilde, Denmark

Overview and Objectives

Strong, highly reliable composites with enhanced service properties determine the perspectives of many key industries. Advances in nanotechnology opened new horizons in the improvement of these materials performances. Composites with nanoscale reinforcements, modified interfaces or tailored multiscale structures often demonstrate much better performances than neat composites.

The Symposium will bring together specialists in the areas of mechanics of materials, composite manufacturing and development, to discuss new frontiers in advanced materials for energy and structural applications, including hybrid, hierarchical, nano-, graphene and CNT reinforced composites.

The symposium is organized in the framework of the Danish-Japanese project “*Graphene and CNT based composites for energy and structural applications*” supported by Danish Agency for Science, Technology and Innovation.

Symposium Topics

- Graphene and CNT reinforced composites
- Nanocomposites and hierarchical composites
- Hybrid and carbon based composites
- Computational modelling and design of composites
- Processing, testing and characterization
- Interfaces and interphases

General Information

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Organizing Committee

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Bent F. Sørensen (DTU)
Tomohiro Yokozeki (U Tokyo)

Location: The Symposium will take place in Niels Bohr Auditorium, Risø Campus, Roskilde, Denmark.

Abstract Submission and Registration: Please submit an abstract (150...200 words, in MS Word format) by e-mail to lemi@dtu.dk no later than March 15, 2015. The registration fee is 200 EURO (before March 31, 2015), 320 EURO (after) and 390 EUR (after June 15, 2015). The registration includes the access to the sessions, and coffee/refreshment.