

Engineering on the Nanoscale

Supported by the **Journal of Nanoengineering and Nanosystems: Proceedings of the Institution of Mechanical Engineers Part N**

An international conference to be held at The University of Edinburgh

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Nanoengineering is already playing an increasing role in many industries, spurred by the needs of aerospace, automotive, bio-medical, optical and pharmaceutical companies, as well as those of its first main user, the microelectronics firms.

The foundations of nanoengineering lie in nanoscience. As our understanding of nano-scale scientific phenomena matures, it enables engineers to design, manufacture and use nano-scale devices for industrial applications.

Engineering systems-level approaches are also being adopted for the synthesis or fabrication of these devices and processes where the function of nano-scale components is central to overall performance.

Established and developing industrialized nations recognize the significance of nanoengineering in the advancement of their economic wellbeing. This conference reflects international engineering research and development in this rapidly moving discipline.

Abstract deadline **31 July 2007**.

Abstracts are invited on the following topics:

- Nanoscale Assembly
- Nanocomposites
- Nanoscale Patterning
- Modelling
- Instrumentation
- Nanodevices
- Nanoscale Manipulation
- Nanofabrication

ABSTRACTS SHOULD BE SUBMITTED ONLINE AT:

<http://www.lifelong.ed.ac.uk/nanoengineering2008/>



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