

Nanotechnology – Opportunities and Challenges

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Abstract

The various nanotechnology initiatives around the world are leading to impressive advances in nanoscale science and engineering, as well as nano-enabled technologies. This presentation will assess the status of those initiatives, with attention to the projected emphases in the next decade. Since the most rapid insertion of innovative technologies will require knowledgeable decision makers, as well as scientists and engineers, challenges to the education system will also be addressed.