

## **Simulation of nanotube devices**

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Nanotube devices are already far beyond science fiction, and atomistic simulations of their behaviour are proceeding apace. I will discuss my group's recent results of the effects of boundary conditions and tension on the behaviour of vibrating nanotubes for mass sensor applications.

An important next stage is to enable such simulation in an easy to use application for non-experts and I will discuss our progress towards this goal.