Boltzmann Lecture 2012

universität wien

Fakultät für Physik

Quelle: Österreichische Zentralbibliothek für Physik

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Atomistic computer simulations: past, present and future

The rapid development of computer technology and algorithms has had a deep impact on science. Of particular significance has been the emergence of realistic atomistic simulations. These calculations provide precious insight, replace difficult experiments and predict new phenomena.

Yet, in spite of remarkable progress, much remains to be done to widen the scope of atomistic simulations, especially in nanotechnology and the bio-sciences. This requires extending the simulation time and length scales as well as appropriate tools to describe and tame the complexity of the systems of interest.

Zeit
4. Dezember 2012
17:00 Uhr

Ort
Lise-Meitner-Hörsaal
Fakultät für Physik
Strudlhofgasse 4, 1090 Wien