

Stuttgarter Physikalisches Kolloquium

Fachbereich Physik, Universität Stuttgart
Max-Planck-Institut für Festkörperforschung
Max-Planck-Institut für Intelligente Systeme

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17:15 Uhr

Hörsaal V 57.01

Universität Stuttgart, Pfaffenwaldring 57, 70569 Stuttgart-Vaihingen

Gastgeber: Prof. Harald Gießen, Universität Stuttgart, Telefon: 0711 - 685-65110

Half a century after Feynman: How much room is left at the bottom?

Klaus Kern

Max-Planck-Institut für Festkörperforschung Stuttgart

Abstract

Richard Feynman's imagination of the "small world" expressed in his famous 1959 lecture has had an important impact on the development of nanoscience and nanotechnology. In this lecture I will discuss how much of his visions and promises have become true and what challenges are left.