



科学前沿报告会(311)

Be d The Hei e be g U ce ai P i ci le

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报告摘要

Mea e e f e ad a e f a cilla i h eci i be d
i ac a e ce ai ha e cc ied a ce al lace i a
h ic f decade . A ee ed a e f ei he i i e i
a i e e a le f a a e hich ide ch eci i . O e f
he fi al f ge e ai f cha a e [1] i le a a
de li i ea e e a ice he f e e c f he cilla . We
ha e ece l e ed he fi e e i e al i le e ai f hi
al [2] i h a age ic cilla . I ha bee idel a ed ha
e ig i h he eci i be d he ac a e ce ai i b h
i i a d e i hibi ed b he ce ai i ci le. We
ha e de a ed ha hi li i ai ca be e c e b e a gli g a
cilla i h a a efe e ce f a e i h a effec i e ega i e
a [3, 4]. I a e ge e al e e, hi a ach lead
ajec ie i h a ce ai ie [5] a d achie i g e
f da e al b d he ea e e eci i [6].

[1] Science 209, 547–557 (1980); [2] Nature Physics, (2015) doi:10.1038/nphys3280; [3] Nature, 413, 400 (2001); [4] Phys. Rev. Lett. 102, 020501 (2009); [5] Annalen der Physik. 527, No. 1–2, A15–A20 (2015); Phys. Rev. Lett. 105(12), (2010).

报告人简介

P of. E gene Pol ik i p ofe o of ph ic a he Niel Boh In i e a he Uni e i of Copenhagen and Head of QUANTOP labo a o . Hi e ea ch in e e a e cen e ed a o nd an m ph ic of ma e and ligh and an m info ma ion echnologie . Among he pionee ing e l he ha achie ed a e demon a ion of he an m elepo a ion be een ma e ial objec , an m memo fo ligh , op ical de ec ion of adio a e ing a nanomechanical o cilla o , an m op ical in e face i h a one dimen ional a omic c al, and an m ajec o ie i ho an m nce ain ie . D . Pol ik i Di ing i hed In i ed P ofe o a he In i e fo Pho onic Science in Ba celona. He i Membe of he Ro al Dani h Academ of Science , Fello of he Ame ican Ph ical Socie and Fello of he Op ical Socie of Ame ica. He i a ecipien of he Go don Moo e Di ing i hed Schola a a d, Scien ific Ame ican Re ea ch Leade hip a a d, E opean Re ea ch Co ncil Ad anced Gan a a d and Dani h A ocia ion of Academic a a d.

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