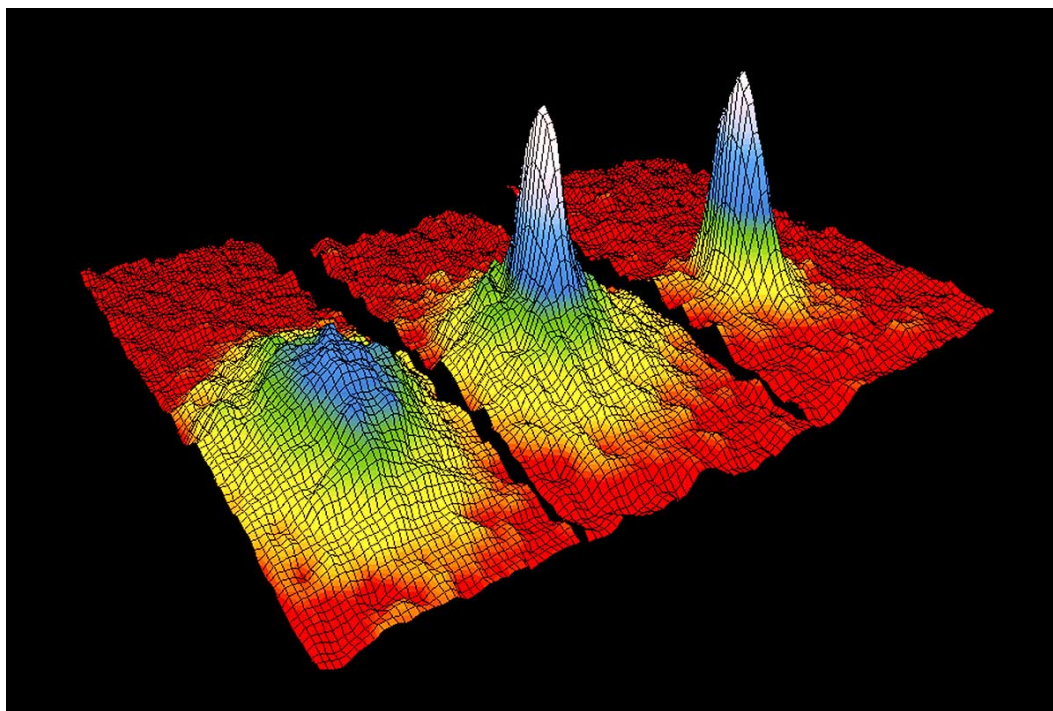


DAILY NEWS 26 April 2018

Entangled clouds of atoms are quantum record-breakers



In a Bose-Einstein condensate atoms coalesce, behaving as if they were one single 'super atom.' Here, red, yellow and green areas are less dense, and blue and white areas are very dense.

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By Anil Ananthaswamy

Entanglement between particles – a link created after they interact that intrinsically connects the behaviour of one to another – lets us instantly influence a particle by measuring its entangled partner. We've seen this work in pairs of particles separated by large distances. Now, three teams have independently shown, for the first time, the existence of entanglement ...

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