

CICLOS DE CONFERENCIAS

*Conferencias de divulgación científica de la Real Sociedad Española de Física
en colaboración con la Fundación Ramón Areces
Ciclo Hablemos de Física, Facultad de Ciencias Físicas (UCM)*

Ciclo especialmente orientado a estudiantes

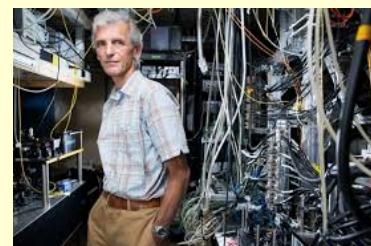
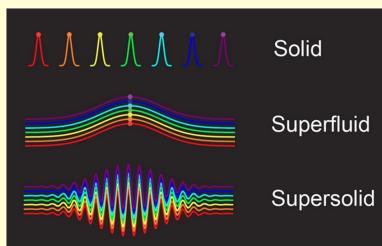
New forms of matter with ultracold atoms: synthetic magnetic fields and supersolidity

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The properties of ultracold atoms can be profoundly modified with the help of laser beams. In this way, synthetic magnetic fields and spin-orbit coupling have been realized, and a supersolid phase has been observed. A supersolid is superfluid and breaks translational symmetry, i.e. it has shape.



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Aula Magna Facultad CC. Físicas UCM**