



Real
Sociedad
Española de
Física

FUNDACIÓN
RAMÓN ARECES



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)*

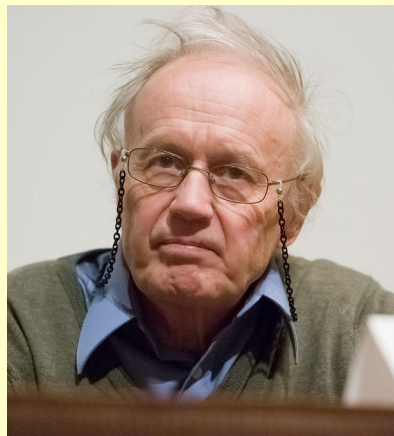
Ciclo especialmente orientado a estudiantes

What is superconductivity?

ANTHONY LEGGETT

**University of Illinois, Urbana, IL
Nobel Prize in Physics, 2003**

The phenomenon of superconductivity has been known for more than a century, but it is only fairly recently that it has been found to occur under conditions not so different from those of everyday life; it is a spectacular manifestation of the bizarre properties of “elementary” particles such as electrons. I will describe and illustrate the strange behavior of a metal in the superconducting state, endeavor to present an explanation at a nontechnical level and review some current and potential practical applications.



**Miércoles 23 de enero de 2019, 12.30 h.
Aula Magna Facultad CC. Físicas UCM**