



UPPSALA
UNIVERSITET

Seminar

Time Crystals

New States of Matter

Nobel Laureate

Frank Wilczek

Herman Feshbach Professor of Physics, MIT

Frank Wilczek is considered one of the world's most eminent theoretical physicists and received the Nobel Prize in Physics 2004.

Symmetry, and the spontaneous breaking of symmetry, are dominant themes in modern physics. Time translation is perhaps the most fundamental of symmetries, and the question of its breaking raises new conceptual issues. From this ferment, one imagines new states of matter, the so-called "time crystals". First proposed theoretically, they have been recently seen by experimenters. In his lecture he will review these developments, and discuss future prospects.



Date: May 24 at 10:15
Location: Siegbahnsalen

The seminar is organized by Brahe Foundation in collaboration with the Department of Physics and Astronomy.

Brahe's guiding principle is that educating youth is one of science's most important contributions to civilization.