



## VIDEO Colloquium:

# New Directions for Light Dark Matter.

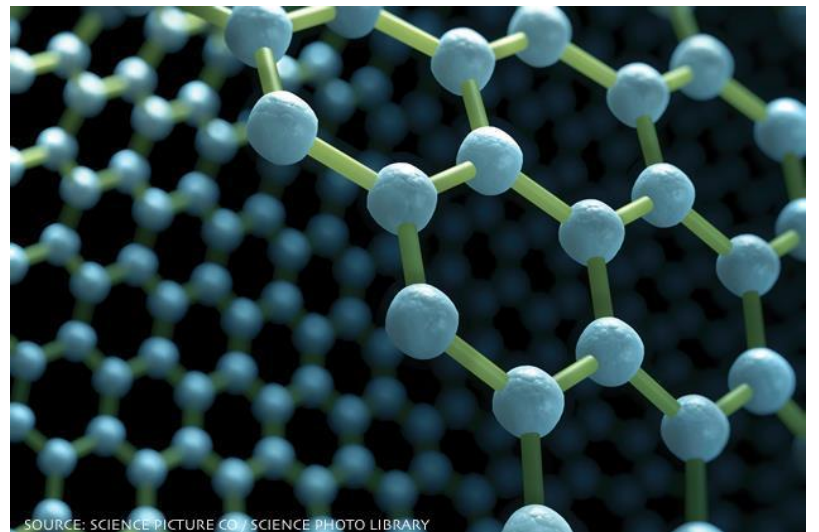
**Tuesday, 09 March, 2021**

**Webcast 16:45 h**

**Yonit Hochberg (Hebrew Univ. of Jerusalem)**

The exploration of dark matter beyond the WIMP is of vital importance towards resolving the identity of dark matter. In this talk, I will focus on light dark matter. From the theory side, I will discuss new theoretical developments that suggest light dark matter.

From the experimental side, I will present new proposals for the direct detection of light dark matter which hold much promise. These include the use of superconducting nanowires, two-dimensional targets such as graphene, and Dirac materials. Considering dark matter interactions with these targets, I will demonstrate the potential of the light dark matter direct detection program in upcoming years.



### Zoom connection details:

**Meeting ID: 996 1652 8733**

**Meeting Password: 733220**

