

LMA WEBINARS 2020

2D METAL-ORGANIC NETWORKS: ELECTRONIC AND TOPOLOGICAL PROPERTIES

Scanning Tunneling Microscopies (STM) allow us to characterize on surface structures such as single atoms or two-dimensional metal-organic networks. In particular, we can obtain high resolution images through the STM tip functionalization or access the electronic structure of single atoms deposited on a surface.

In this seminar, we present a specific two-dimensional metal-organic network. By means of STM techniques, we demonstrate experimentally that despite previous theoretical calculations, this network cannot host topologically nontrivial edge states.

SPEAKER

Leyre Hernández

Leyre Hernández-López is a PhD student at the Instituto de Nanociencia y Materiales de Aragón, CSIC. Her research focuses on the synthesis and characterization of two-dimensional metal-organic networks and is mainly performed with a Scanning Tunneling Microscope.

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 Ima@unizar.es

 bit.ly/3pgT6Y7

We invite you to attend this webinar

MARCH 12, 2021, 12:00

ZOOM WEBINAR: [HTTPS://BIT.LY/3RC9EKW](https://bit.ly/3RC9EKW)

