

## **New features of the NanoLab@ISM: a case study on antimonene**

Abstract: In this short talk I review our recent results on the study of the antimonene/bismuth selenide interface by scanning tunnelling spectroscopy (STM). Due to the NanoMicroFab collaboration, in the near future it will be possible to record the quasi-particle-interference (QPI) patterns emerging at the surface of a topological insulator, a fundamental step towards possible applications in electronics of such exotic materials.