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UNIVERSITÀ
DEGLI STUDI
DI PADOVA



Il Dipartimento di Scienze Chimiche accoglie il

dott. Stefano Casalini

che terrà un seminario dal titolo:

***Large-Area Electronics: from
coplanar junctions to flexible devices***

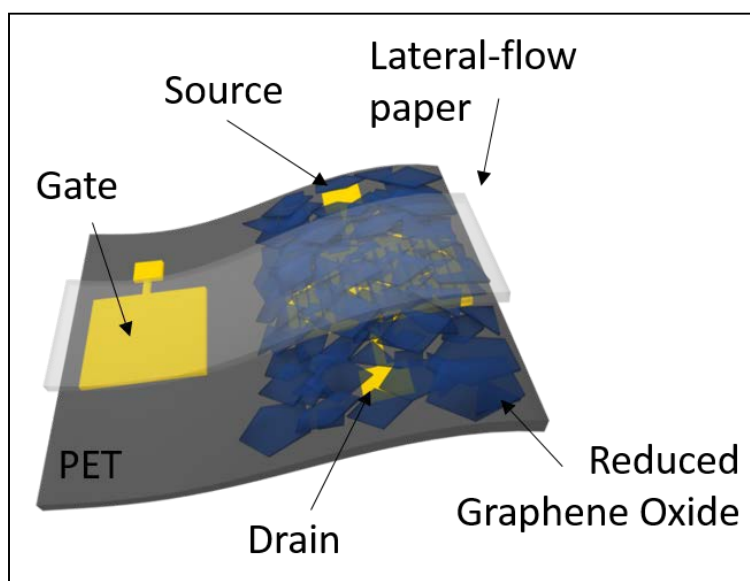
Giorno, 02 Dicembre 2020, ore 15:00

Streaming option: Zoom meeting ID: 810 4871 7940 ,
Dipartimento di Scienze Chimiche, Via Marzolo, 1.

Abstract:

Large-area electronics is a very broad field, where many excellent devices have been demonstrated such as diodes, solar cells and transistors in the last decades.

This seminar has the objective of giving you an overview of my scientific achievements up to date. The starting point was the proof-of-concept of using field-effect transistors (FETs) like large co-planar molecular junctions. Furthermore, the introduction of water, as active component into FET layout, opened a wide spectrum of opportunities towards (bio-)chemical sensors, flexible and/or wearable devices.



La presenza della S.V. sarà molto gradita.

Il Direttore del Dipartimento
Michele Maggini