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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***

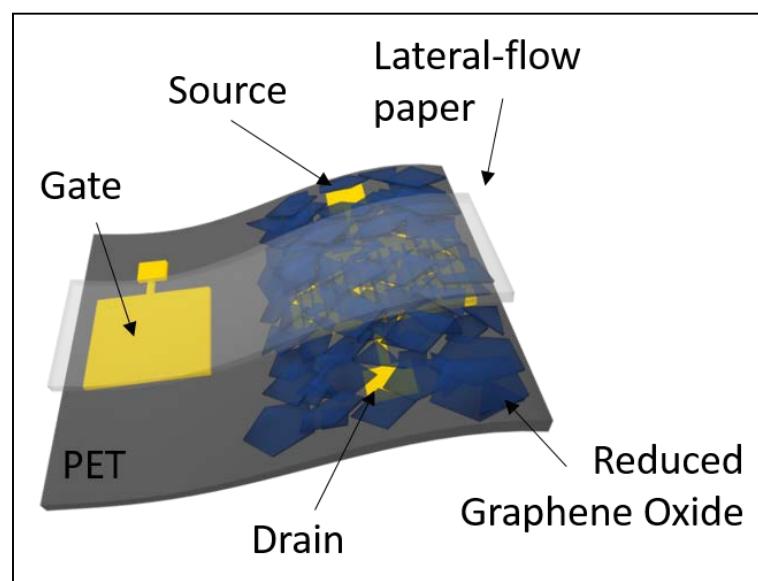
Giorno, 30 Novembre 2020, ore 15:00

Streaming option: Zoom meeting ID: 849 1057 7153,  
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**