

# COLLOQUIUM DFA

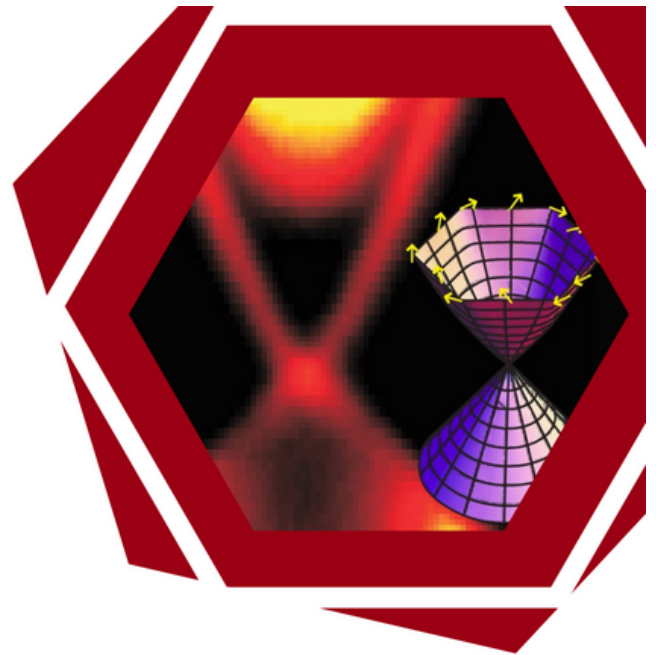
FEBRUARY , 23RD 2023 - 3 PM

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"A short journey through topological quantum matter "

IN PRESENCE AULA ROSTAGNI  
ZOOM MEETING - YOUTUBE STREAMING



## A short journey through topological quantum matter

Abstract: Topological quantum materials have emerged in the last few years as a new field in condensed matter physics, offering an exciting arena for fundamental research as well as promising potential for the development of new technologies.

In this talk, we will embark on a short journey through the fascinating world of topological matter, focusing on topological insulators and topological semimetals. We will discuss basic concepts of topology, including the Berry phase and the Chern number, their application in understanding the properties of these materials, and recent advances in the field.



Speaker: Alessandro De Martino

WEBSITE  
ZOOM MEETING  
LINK YOUTUBE

<https://indico.dfa.unipd.it/event/684/>  
<https://unipd.link/ColloquiumDFA-23-02-2023>  
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