



UNIVERSITÀ  
DI TORINO

Dipartimento  
Chimica



2023 - 2027  
DIPARTIMENTO  
DI ECCELLENZA  
Ministero dell'Università e della Ricerca



## Centro Scansetti + NIS Seminar

9<sup>th</sup> May, 2023

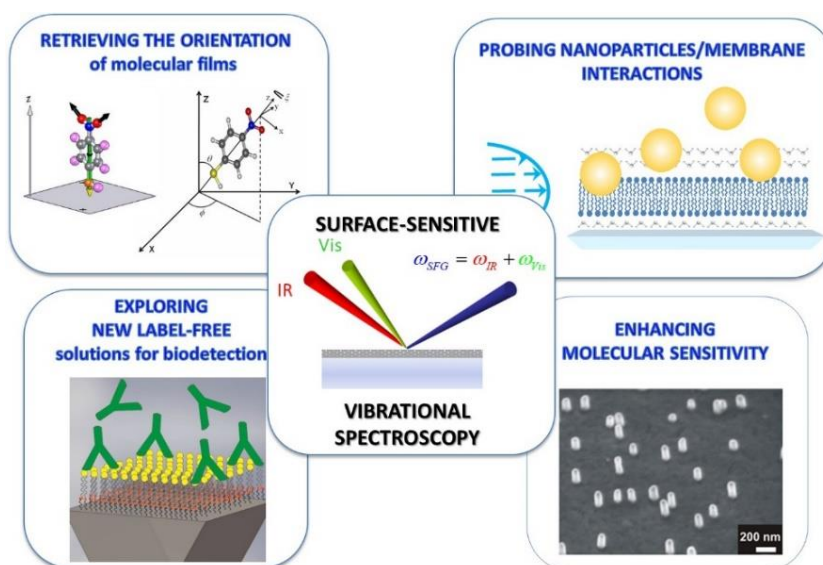
h. 17:00

Aula D1

Via Pietro Giuria 9, V piano

# Light on nano-bio-interfaces with surface-sensitive vibrational spectroscopy

Prof. Francesca Cecchet



Francesca Cecchet studied Chemistry at the University of Bologna. In 2003, she obtained a doctoral degree in Chemical Sciences from the University of Namur in Belgium, in the Interdisciplinary Laboratory of Electron Spectroscopies, with a dissertation on the adsorption of supramolecular rotaxanes on surfaces, under the supervision of Professor Petra Rudolf. She then moved to the Applied Sciences Faculty of the University of Louvain-la-Neuve (BE), where she worked on the study of host-guest bio-interactions with single-molecule force spectroscopy. Back to the University of Namur, she was appointed postdoctoral researcher of the National Fund of the Scientific Research (FNRS) at the Physics Department, and since 2010 she is Research Associate of the FNRS and Professor at the Physics Department and the Namur Institute of Structured Matter. Her privileged research axis focusses on the study of nano and molecular interfaces with surface-sensitive nonlinear optical spectroscopies, with a target interest to interdisciplinary topics dealing with using light-matter interactions to unveil properties and processes within models of biological interfaces.



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