



UNIVERSITY OF NAPOLI "FEDERICO II"

POLYTECHNIC AND SCIENCE SCHOOL

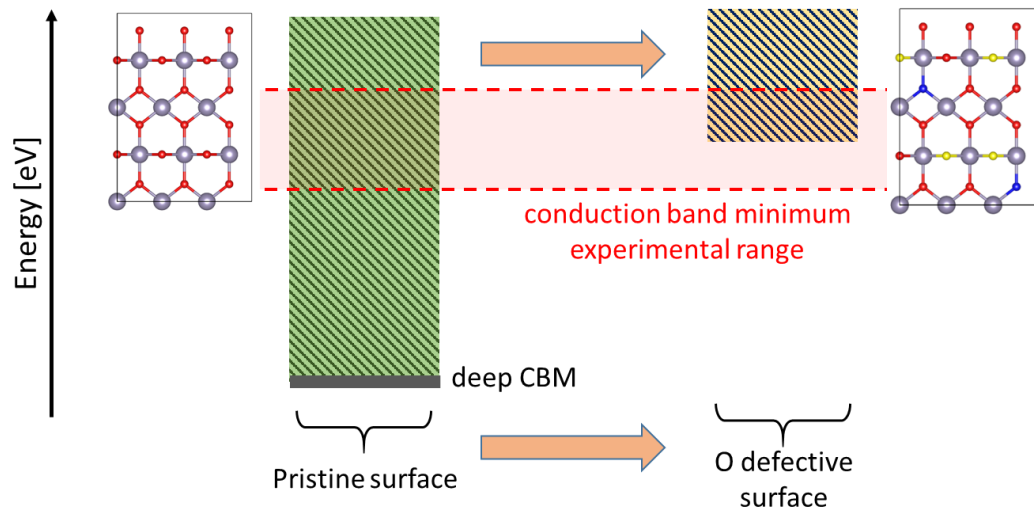
Department of Chemical Sciences

Ph.D. School in Chemical Sciences (XXXVI Cycle)



## Second year activity

Evaluation of the  $\text{SnO}_2$  conduction band minimum in slab models with different oxygen defective surfaces



Ph.D. Student

Gennaro Vincenzo Sannino

Title

**Accurate prediction of  $\text{SnO}_2$  conduction band edge position via an atomistic study with a proper account of oxygen vacancies.**