

PHYS-819

First-principles modelling of defects in solids

Pasquarello Alfredo

Cursus	Sem.	Type
Physics		Opt.

Language of teaching	English
Credits	1
Session	
Exam	Project report
Workload	30h
Hours	35
Courses	15
TP	20
Number of positions	50

Frequency

Only this year

RemarkJune 13th-15th 2022. Registration via <https://sites.google.com/view/defects-in-solids/home>**Summary**

This Summer School aims to provide an overview of the latest advances in the theory and simulation of defects in solids. The event consists of invited talks given by internationally renowned experts in the field, as well as networking opportunities and social events.

Content**Note****Tuition fees: 250CHF for PhD candidates, 50CHF for Master students****Venue: ETHZ****PhD Students (organizers):**Stefano Falletta: stefano.falletta@epfl.chMichele Pizzochero: mpizzochero@g.harvard.eduGuido Gandus: ggandus@student.ethz.chTara Tošić: tara.tosic@mat.ethz.ch**Keywords**

condensed matter physics, defects, first-principles calculations, density functional theory