

PhD in Materials Science and Nanotechnology: end-of-the-first-year presentations

Program of the day (25/09/2025)

NAME	Title	Time	Committee
MARCORINI, S	Atomistic simulations of chalcogenide alloys for non-volatile electronic memories	9:30	1
MALIK, MAR	Development and Integration of Composite Electrolytes for Sodium Ion Batteries	9:50	1
GAROFALO, A	Development of Silicon Carbide for Electronics and Optoelectronics Devices	10:10	1
COLOMBO, BEG	Thin-Film Kesterite for Integrated, Indoor, and Tandem Photovoltaic Devices	10:30	1
LAMERI, I	Optical spectroscopy investigation of exciton dynamics in organic thin films and heterostructures for optoelectronic applications	10:50	2
REGAZZONI, V	Electronic states induced by extended defects in group-IV semiconductors: a theoretical investigation	11:10	2
TERRUZZI, M	Growth and investigation of organic donor-acceptor heterostructures for optoelectronic applications	11:30	2
FRATELLI, A	Colloidal nanocrystals based on metal halides for solar concentrators and scintillator detectors	11:50	2
DI TOLLA, AG	End of the year presentation of dott. Di Tolla	15:00	3
DICESARE, A	End of the year presentation of dott. Di Cesare	15:20	3
SARONNI, S	End of the year presentation of dott. Saronni	15:40	3
VALAGUSSA, P	Design of oxide catalysts for CO ₂ hydrogenation into hydrocarbon chemicals	16:00	3
JAKOVIC, H	Organic and hybrid nanomaterial based strategies for thermal neutrons detection	16:20	3
LOMBARDI, S	Electrochemical production of hydrogen and other small molecules through platinum group metal-free electrocatalysis	16:40	3
PALLADINI, C	Development of processes for improving the performance of alkaline ion batteries with innovative electrode materials	17:00	3
CROSTA, C	Investigation of point defects as quantum emitters in group IV materials	17:20	3

BOLD: WILL GIVE THE TALK REMOTELY

YELLOW: NOT OPEN TO GENERAL PUBLIC, NDA REQUIRED

Committee 1: Prof. F. Montalenti, Prof. A. Minotto, Prof. A. Galli

Committee 2: Prof. F. Montalenti, Prof. A. Minotto, Prof. E. Bonera

Committee 3: Prof. C. Di Valentin, Prof. M. D'Arienzo, Prof. C. Santoro

The Coordinator (Prof. Francesco Montalenti)

