

LAUREE MAGISTRALI IN MATERIALS ENGINEERING

Aula Magna di Ingegneria - Via L. Loredan, 20 - Padova

4 dicembre 2025, ore 9.00

Laureandi

N.	Laureando	Relatore	Titolo tesi	Ora
1	COGO PIETRO	Carlo BOARETTI	Synthesis and characterization of water-compatible pressure-sensitive adhesives with high adhesion and cohesive strength for skin applications	9.00
2	CONTE FRANCESCO	Alessandro MARTUCCI	Surface characterization of polymeric coatings in icing environments and process optimization of spray-coated silica-based films	
3	MARTI DANA YATING	Alessandro MARTUCCI	Hydrophobic Sol-Gel coatings for passive ice prevention of unmanned aerial vehicles	
4	MIRABBASI MAHTAB	Paolo COLOMBO	Binder jetting of geopolymer matrices containing hydrated salts for thermal energy storage applications	
<i>Proclamazioni</i>				10.00
5	MOHTASHAMI SINA	Alessandro MARTUCCI	Determination of fiber volume content in natural fiber reinforced polymers	10.10
6	RENNA LORENZO	Irene CALLIARI	Influence of blue laser-wire directed energy deposition parameters on the microstructure of SS316L	
7	SHAHBABADI ALIREZA	Alessandro MARTUCCI	Investigation of deformation mechanisms during bending and microstructure characterization of bended contact materials with laser-structured surfaces	
8	TROMBETTA NICHOLAS	Manuele DABALÀ	Magnetic drive pumps: structural design principles and the potential for wear reduction through DLC coatings on bearing systems	
<i>Proclamazioni</i>				11.10
9	TURAN ARDA	Enrico SIMONETTO	Adaptive control of blank holder force in sheet metal forming: modelling and experimental validation	11.20
10	YÜKSEL BEGÜM	Paolo COLOMBO	Comparative analysis of cold reaction sintered mixtures with fly ash, BF slag, brick, copper slag, and metakaolin	
11	ZAMPIERI SARA	Laura CALVILLO LAMANA	Work function characterization of hydrogenated nanocrystalline silicon for interface optimization in SHJ solar cells	
12	ZURLO NOEMI	Alessandro MARTUCCI	Development of laser-induced breakdown spectroscopy for Li-Ion battery materials	
<i>Proclamazioni</i>				12.20

Sarà consentito l'accesso in aula di max. 20 ospiti per laureando.

Commissione: Prof. Alessandro MARTUCCI (Presidente)

Ing. Carlo BOARETTI, Prof. Irene CALLIARI, Prof. Laura CALVILLO LAMANA, Prof.
Ing. Enrico SIMONETTO

Altri relatori: Paolo COLOMBO, Prof. Manuele DABALÀ

Si avvisa la Commissione che la riunione preparatoria si terrà lo stesso giorno alle ore 8.30 nella saletta riunioni retrostante l'Aula Magna.