

# LAUREE MAGISTRALI IN MATERIALS ENGINEERING

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

16 luglio 2026, ore 9.00

## Laureandi

N.	Laureando	Relatore	Titolo tesi	Ora
1	AKBULUT BEYZA AYŞİM	Alessandro MARTUCCI	Spray-coating fabrication of silica-based films through the optimization of a polydopamine primer layer	9.00
2	BEGHDADI MOHAMED BENAMAR	Manuele DABALÀ	On-line OES-PDA monitoring to assure microstructural cleanliness of special steels	
3	CRNOVRSANIN ELDA	Paolo COLOMBO	Volumetric additive manufacturing of glass	
4	FIorentin GIACOMO	Roberta BERTANI	Hydrodeoxygenation of isophorone over non-noble metal catalysts for the sustainable production of aviation fuel components: a comparative study on the role of active phase and support	
<i>Proclamazioni</i>				10.00
5	GANGI GABRIELE	Davide GRAZIOLI	Computational modeling of nanowire networks for neuromorphic computing	10.10
6	GONZALEZ SANTUCHO LAUTARO ELBIO	Alessandro MARTUCCI	Powder Bed Fusion produced Haynes 282 Nickel-based superalloy: post deposition treatments and long-term thermal exposure behaviour characterization.	
7	KAN MUHARREM ONUR	Alessandro MARTUCCI	Hydrothermal synthesis and thermochromic applications of VO <sub>2</sub> (M) nano-powders	
8	KARAHANCI İREM NUR	Alessandro MARTUCCI	Sol-gel derived WO <sub>3</sub> -TiO <sub>2</sub> films for photocatalysis	
<i>Proclamazioni</i>				11.10
9	PENEDO OGANDO JOSE RAMON	Alessandro MARTUCCI	Influence of high H <sub>2</sub> O in hydrogen ICE exhaust atmospheres on cast iron manifold materials: comparative engine and laboratory study	11.20
10	SOHRABNIA NIMA	Giulio TIMELLI	Numerical simulation of diecasting aluminium alloys: premature solidification inside the shot sleeve	
11	VAHEDIAN KHEZERLOU NIMA	Alessandro MARTUCCI	Elemental doping of VO <sub>2</sub> thin films for smart window applications	
<i>Proclamazioni</i>				12.05

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

**Commissione:** Prof. Alessandro MARTUCCI (Presidente)

Ing. Sofia CATALUCCI, Prof. Paolo COLOMBO, Prof. Giorgia FRANCHIN, Ing. Davide GRAZIOLI

**Altri relatori:** Prof. Roberta BERTANI, Prof. Manuele DABALÀ, Prof. Giulio TIMELLI

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