LAUREE MAGISTRALI IN CHEMICAL AND PROCESS ENGINEERING

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

8 ottobre 2026, ore 14.00

Laureandi/e

N.	*Laureando/a*	*Relatore*	*Titolo tesi*	*Ora*
1	BELLOMO LUCA	Elena BARBERA	Process design and simulation of an ammonia recovery plant from industrial sludge	
2	BORTOLAZZI EDOARDO	Martina ROSO	Process development of chitosan–dextran sulfate fibers via polyelectrolyte complexation	14.00
3	BRENTEGANI FILIPPO	Massimiliano BAROLO	Effect of antistatic agents on the heat transfer performance of HDPE particles in a gas-solid fluidized bed reactor	
4	DALLA NORA FILIPPO	Massimiliano BAROLO	Process monitoring in polymer extrusion by multivariate data analysis	
		Proclamazioni		15.00
5	GRIGOLINI CHIARA	Eleonora SFORZA	Optimization of coccolithophore production for applications in bone tissue regeneration	
6	KALAIARASAN DARSHAN	Sara SPILIMBERGO	Effect of supercritical carbon dioxide on the shelf-life of pineapple	
7	MEHMANDAAR OSKUEI ERFAN	Martina ROSO	Non-aqueous polyphosphazene interfacial polymerization membranes for gas separation applications	15.10
8	NARDI GIACOMO	Elena BARBERA	Kinetic modelling and economic analysis of a semicontinuous fermentation process for API production	
		Proclamazioni		16.10
9	PEGORER GIORGIA	Elena BARBERA	Simulation and optimization of the esterification and distillation process for methyl polyethylene glycol methacrylate production	
10	PICCOLO MARTINA	Pierantonio FACCO	Scale-up of active pharmaceutical ingredient manufacturing: mechanistic modeling and experimental validation	16.20
11	PRESSATO FEDERICO	Elena BARBERA	Development of a preliminary cost estimation model for the design of K_2CO_3-based CO_2 capture plants	
12	RIOUI IBRAHIM	Martina ROSO	Simulation-based evaluation of an existing wastewater treatment plant upgrade through MBR implementation using WEST	
		Proclamazioni		17.20
13	RIVATO ALBERTO	Elena BARBERA	Biological hydrogen production by purple non-sulfur bacteria: experimental study and techno-economic assessment	
14	ROSANÒ UGO	Carlo BOARETTI	Comparison of iron and copper catalyst composites with titania for the degradation of azo-dyes by advanced oxidation processes	17.30
15	SHIJAKU KLEVIS	Massimiliano BAROLO	Using artificial intelligence to improve microalgae growth modeling in continuous photobioreactors	
		Proclamazioni		18.30

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

Commissione: Prof. Massimiliano BAROLO (Presidente)
Ing. Elena BARBERA, Prof. Pierantonio FACCO, Prof. Camilla LUNI, Prof. Martina ROSO

Altri relatori: Ing. Carlo BOARETTI, Prof. Eleonora SFORZA, Prof. Sara SPILIMBERGO

Si avvisa la Commissione che la riunione preparatoria si terrà lo stesso giorno alle ore 13.30 nella saletta riunioni retrostante l'Aula Magna.