

LAUREE V.O. IN INGEGNERIA CHIMICA
LAUREE MAGISTRALI IN CHEMICAL AND PROCESS ENGINEERING

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

15 luglio 2025, ore 14.00

Laureandi V.O. in Ingegneria Chimica

N.	Laureando	Relatore	Titolo tesi	Ora
1	SARAGONI LORIS	Paolo MOCELLIN	L'idrogeno come vettore energetico: produzione, trasporto, stoccaggio e aspetti di sicurezza	14.00
Proclamazioni				14.15

Laureandi in Chemical and Process Engineering

N.	Laureando	Relatore	Titolo tesi	Ora
1	AHMADIAN AMIR	Federico D'AMORE	Techno-economic analysis of onboard carbon capture for container ships under variable engine load	14.20
2	BEKTAŞ ÖZGE	Alessandro MANZARDO	Food Process Sustainability: a Life Cycle Assessment of a supercritical CO ₂ packaging technology for the preservation of squash	
3	BIASION MANUEL	Paolo MOCELLIN	A comparative sensitivity-driven modeling of electrified and conventional SMR reactors	
4	BONOMO EDOARDO MARIA	Paolo MOCELLIN	Development of an automated tool for safety and environmental assessment at the conceptual design stage	
Proclamazioni				15.20
5	CANDEO FRANCESCA	Elisa CIMETTA	Engineered 3D vascularized neuroblastoma tumor model in a fluidic chip for drug screening	15.30
6	POURMIKAEIL PEDRAM	Andrea BAGNO	Engineering material-binding peptides to accelerate enzymatic degradation of polylactic acid	
7	REZAEI HANIYEH	Alessandro MANZARDO	Life cycle assessment of chemical and mechanical recycling of polyethylene waste: enhancing the sustainability of chemical routes	
Proclamazioni				16.15
8	ROSSI LORENZO	Massimiliano BAROLO	AI-driven methodology to develop (hybrid) steady-state and dynamic process models	16.25
9	SCHIAVON SIMONE	Paolo MOCELLIN	Detailed engineering of small-scale reactors for decentralized hydrogen production	
10	VALERIO FEDERICO	Paolo MOCELLIN	Techno-economic assessment of CO ₂ capture in a decentralized H ₂ production plant	
Proclamazioni				17.10

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

Commissione: Prof. Massimiliano BAROLO (Presidente)
 Prof. Elisa CIMETTA, Ing. Sajid HUSSAIN (fino alle 14.20), Prof. Alessandro MANZARDO, Ing. Paolo MOCELLIN, Prof. Eleonora SFORZA, Ing. Matteo STRUMENDO (fino alle 14.20)

Altri relatori: Prof. Andrea BAGNO, Ing. Federico D'AMORE

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