

**LAUREE MAGISTRALI IN INGEGNERIA CHIMICA E DEI PROCESSI INDUSTRIALI**

**LAUREE MAGISTRALI IN CHEMICAL AND PROCESS ENGINEERING**

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

**15 luglio 2025, ore 9.00**

**Laureandi in Ingegneria Chimica e dei Processi Industriali**

| <b>N.</b>            | <b>Laureando</b>  | <b>Relatore</b>   | <b>Titolo tesi</b>                                                                    | <b>Ora</b> |
|----------------------|-------------------|-------------------|---------------------------------------------------------------------------------------|------------|
| <b>1</b>             | ROSSATO<br>DAVIDE | Fabrizio<br>BEZZO | Development of predictive models of key performance indicators for hand dish products | 9.00       |
| <i>Proclamazioni</i> |                   |                   |                                                                                       | 10.15      |

**Laureandi in Chemical and Process Engineering**

| <b>N.</b>            | <b>Laureando</b>              | <b>Relatore</b>    | <b>Titolo tesi</b>                                                                                                                                                                        | <b>Ora</b> |
|----------------------|-------------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|
| <b>1</b>             | BAFFO ALESSIA                 | Katya<br>BRUNELLI  | Analysis and simulation through macroscopic balances of a supercritical precipitator                                                                                                      | 9.00       |
| <b>2</b>             | CARABINI<br>LAURA             | Michele<br>MODESTI | Chemical recycling of fabrics based on polyethylene terephthalate and polyurethane by glycolysis process                                                                                  |            |
| <b>3</b>             | DE COL<br>LORENZO             | Martina ROSO       | Mitigation of Aflatoxin M1 in milk using functionalized membranes                                                                                                                         |            |
| <b>4</b>             | GABRIELLI<br>NICCOLÒ          | Elena<br>BARBERA   | Pilot-scale investigation, mathematical modeling, and simulation of osmotically assisted reverse osmosis (OARO) for the recovery of k-lactate solutions in food and beverage applications |            |
| <i>Proclamazioni</i> |                               |                    |                                                                                                                                                                                           | 10.15      |
| <b>5</b>             | MIRAVANDI<br>MAHDI            | Martina ROSO       | Assessment of the contribution of Advanced Oxidation Processes (AOPs) to the degradation of per- and polyfluoroalkyl substances (PFAS) in aqueous media                                   | 10.25      |
| <b>6</b>             | MOHAMMAD<br>ALINEJAD<br>MILAD | Fabrizio<br>BEZZO  | Coupled population balance and flotation kinetics modeling for oil removal in gas flotation columns                                                                                       |            |
| <i>Proclamazioni</i> |                               |                    |                                                                                                                                                                                           | 10.55      |

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

**Commissione:** Prof. Paolo CANU (Presidente)

Ing. Elena BARBERA, Prof. Michele MODESTI, Prof. Martina ROSO, Prof. Andrea Claudio SANTOMASO

**Altri relatori:** Prof. Fabrizio BEZZO, Prof. Katya BRUNELLI

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