

## POLITECNICO MILANO 1863

## **Dynamics and Control of Chemical Processes**

Prof. Davide Manca Chemistry, Material and Chemical Engineering Department, "G. Natta" Politecnico di Milano

## Lab #9

## Exercise 1: Shutdown of a C4-C5 separation column

Implement a shutdown strategy for the C4-C5 separation column. The sequence of events includes:

- Reducing column rates
- Shutting down heating and cooling sources
- Stopping feed
- Draining liquids
- Preparing the column for opening to atmosphere