

# Real Time Optimization in Continuous Pharmaceutical Manufacturing

## Main Objective:

- To develop real time optimization (RTO) approaches for continuous pharmaceutical manufacturing (CPM) processes.

## Methodology:

- System identification techniques are used to develop models of the considered processes which are used in RTO frameworks that include the effects of the external changes on the system such as disturbances.

## Importance:

- The results show that the developed approaches outperform the traditional optimization methods which are used in the field of pharmaceutical manufacturing.

