

Session 2.3
Optimization and Scheduling

**Optimal Operation of Ethylene Polymerization Reactors
for Tailored MWD**

M. Asteasuain and A. Brandolin
Planta Piloto de Ingenieria Quimica

Optimal Operation of an LNG Plant

J. B. Jensen and S. Skogestad
Norwegian University of Science and Technology

**Facility Location Problems: Model, Algorithm, and
Application to Compressor Allocation**

E. Camponogara, M. P. de Castro and A. Plucenio
Federal University of Santa Catarina

Capacity Management in the Chemical Supply Chain

P. K. Naraharisetti, I. A. Karimi, and R. Srinivasan
Institute of Chemical and Engineering Sciences

**Process Optimization and Control Under Uncertainty: A
Chance Constrained Programming Approach**

H. Arellano-Garcia, T. Barz and G. Wozny
Berlin University of Technology

**Optimal Grade Transition in Polymerization Reactors: A
Comparative Case Study**

N. Padhiyar, S. Bhartiya and R. D. Gudi
Indian Institute of Technology Bombay

