

**Session 7.1**

**Optimization and Design Applications**

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**Scheduled Optimization of an MMA Polymerization Process**

R. Lepore, A. Vande Wouwer, M. Remy, R. Findeisen,  
Z. Nagy, and F. Allgöwer,  
*Faculté Polytechnique de Mons,  
University of Stuttgart*

**Opportunity for Real-Time Optimization In A Newsprint Mill: A Simulation Case Study**

A. Berton, M. Perrier, and P. Stuart  
*École Polytechnique de Montréal*

**Product Design via PLS Modeling: Stepping Out of Historical Data into Unknown Operating Space**

N. Lu, Y. Yao, and F. Gao, *Hong Kong  
University of Science and Technology*

**Adaptive Control of Bromelain Precipitation in a Fed-Batch Stirred Tank**

F. V. da Silva, R. L. A. dos Santos and A. M. F. Fileti  
*University of Campinas*

