

---

# ANNOUNCEMENTS

---

## FOCAPO '98

### Foundations of Computer-Aided Process Operations

July 5-10, 1998

Snowbird, Utah

Sponsored by CACHE Corporation, CAST 10 Division of AIChE and APICS

#### About the Conference

The Foundations of Computer Aided Process Operations Conferences (FOCAPO 98) to be held in Snowbird, Utah from July 5-10, 1998 will be the third in a series of conferences dealing with the use of computers in support of process operations. Since the first FOCAPO conference in Park City, Utah in 1987 and the second in Crested Butte, Colorado in 1993 and given the developments in the process industry and computer technology there has been an enormous increase in interest in improving the efficiency and effectiveness of process operations. In fact, without much danger of exaggeration, one can assert that much of the restructuring within the process industry over the past few years has been operations focused. Given the likely continuation of this trend and the host of related research and technical issues, FOCAPO 98 will bring together practitioners, management, and researchers for a comprehensive look at the state of the art in computer aided process operations, a discussion of strategies important to thriving in an environment of continuous change and rapidly advancing technology, and the important challenges to be overcome.

Just a forty minute drive from the Salt Lake International airport, Snowbird is located in the Cottonwood Canyon in the heart of the Wasatch Mountain Range. Shuttle service is easily arranged from the airport to this beautiful resort area. Snowbird is also just a thirty minute drive from Salt Lake City.

Since everything is within walking distance, you may not need a car. The Snowbird village offers many facilities from restaurants to shopping. If you are looking for recreational activities, Snowbird offers many outdoor and indoor activities from swimming, golf, tennis, and racquet ball. There is also a health spa which offers everything from body massages to facials and herbal wraps.

If being outdoors with nature is more of what you want, take a naturehike or go mountain biking on the many trails along the mountainside. There is also an aerial tram ride where you can enjoy the beautiful view up to Hidden Peak.

The 57,000 square foot conference area located in the Snowbird Resort will create a tranquil environment. Technical sessions will be held in the mornings and evenings, leaving the afternoons free.

Hotel fees will range from \$90 to \$144 per night. Actual rates will be available upon registration.

#### Inquiries

For more conference information please direct e-mail to the following address:

focapo98@ecn.purdue.edu

Or visit the FOCAPO98 web site for updated information:

<http://che.www.ecn.purdue.edu/FOCAPO98/>

### Technical Program

#### **Opening Session** (Sunday Evening)

*Gary E. Blau, Dow AgroSciences (USA) and Joseph F. Pekny, Purdue University (USA) Chairmen*

#### **“Building a Prototype of the 21st Century Computational Infrastructure”**

*Larry I. Smarr, National Computational Science Alliance (USA)*

#### **Keynote Session** (Monday Morning)

*George Stephanopoulos, Massachusetts Institute of Technology (USA) Chairman*

#### **“Smart Manufacturing and Integration”**

*Lowell Koppel, Aspen Technology (USA)*

#### **“To Innovate Chemical Plant Operation by Applying Advanced Technology and Management”**

*Yukikazu Natori, Mitsubishi Kasei Corporation (JAPAN)*

---

# ANNOUNCEMENTS

---

**“Towards Intentional Dynamics in Process Operations”**  
*Wolfgang Marquardt, RWTH Aachen University of Technology (GERMANY)*

**Plant Wide Optimization** (Monday Evening)  
*Larry Biegler, Carnegie Mellon University (USA), Chairman*

**“Plant Wide Optimization - Opportunities and Challenges”**  
*John D. Perkins, Imperial College (UK)*

**“Plant Wide Optimization - Keeping Chemical Engineering in Mind”**  
*Herman de Meyer, Bayer Antwerpen, N.V. (BELGIUM)*

**Pilot Plants/Market Development Plants** (Tuesday Morning)  
*Prabir Basu, Searle (USA) Chairman*

**“From Plan to Plant - The Rapid Development of Products, Processes and Production”**  
*Sandro Macchietto, Imperial College (UK)*

**Emerging and High Growth Processes** (Tuesday Evening)  
*Kun Soo Chang, Pohang University of Science and Technology (KOREA) Chairman*

**“Upgrading the information Content of Bioprocess Measurements, Applications to Fermentation Processes and Metabolic Engineering,”**  
*Gregory Stephanopolous, Massachusetts Institute of Technology (USA)*

**“Improved Process Development and Operation through Physico-chemical Process Modeling.”**  
*Erik Egan, Reaction Design (USA)*

**Planning and Scheduling** (Wednesday Morning)  
*Stephan P. Lombardo, Coca Cola Company (USA), Chairman*

**“Single and Multisite Planning and Scheduling: Current Status and Future Challenges,”**  
*Nilay Shah, Imperial College (UK)*

**“Synthesizing Enterprise Wide Optimization with Global Information Technologies: Harmony or Discord,”**  
*Conor McDonald, E.I. Dupont Co. (USA)*

**“Towards the Convergence of Theory and Practice: A Technology Guide to Practical Process Management”**  
*Rex Reklaitis, Purdue University (USA)*

**Environmental Issues** (Wednesday Evening)  
*Shinji Hasebe, Kyoto University (JAPAN) Chairman*

**“Commercial Benefits of Using the Environment as the Object not the Constraint on Plant operations”**  
*Greg McRae, Massachusetts Institute of Technology (USA)*

**“From Waste Treatment to Pollution Prevention and Beyond - Opportunities for the Next Twenty Years”**  
*Henry Kohlbrand, Dow Chemical Co. (USA)*

**Product Integrity/Quality** (Thursday Morning)  
*Luis Puigjaner, University Politecnica de Catalunya (SPAIN) Chairman*

**“Multivariate Statistical Analysis of Process Data for Productivity and Quality Improvements: Current Status and Future Directions”**  
*John McGregor, McMaster University (CANADA)*

**“The Challenges of Product Consistency and Integrity in Slow and Fast Production Processes”**  
*Hugo Patino, Coors Brewing Co. (USA)*

**Next Generation Enabling Technology and Deployment** (Friday Morning)  
*Bernard McGarvey, Eli Lilly and Co., (USA) Chairman*

**“Culture Shift: Positioning Technical Computing to Enable Sustained Profitability in the Specialties Business”**  
*Kay Kuenker, Dow AgroSciences (USA)*

**“Computation and Competitiveness: Managing Technology in the Information Age”**  
*Mike Ramage, Mobil Oil (USA)*

**Closing Session** (Friday Morning)  
*Joseph Pekny, Purdue University (USA) and Gary Blau, Dow AgroSciences (USA), Chairmen*

**“Conference Wrap-up”**  
*George Stephanopolous, Massachusetts Institute of Technology (USA)*