
ANNOUNCEMENTS

FOCAPD '99

Computer-Aided Design for the 21st Century

JULY 18-23, 1999

Beaver Run Resort, Breckenridge, Colorado, USA

Sponsored by
CACHE Corporation
Computing & Systems Technology Division,
American Institute of Chemical Engineers

Conference Co-Chairs
Michael F. Malone - University of Massachusetts
James A. Trainham - E.I. DuPont Co.

Location and Accommodations

The conference will be held at Beaver Run Resort and Conference Center in historic Breckenridge, Colorado. Breckenridge is famous for year-round recreational activities. In July, these include golf, mountain biking, white-water rafting, swimming, tennis, fishing, backcountry tours, and other similar activities.

The Conference Center provides extensive and modern meeting facilities, and is part of a full-service resort. A common breakfast and dinner service will be available for participants and guests at an additional fee. Details of the accommodations and costs will be provided with the registration materials.

About the Conference

This is the only international conference that focuses exclusively on computer-aided design for chemical processing. The Foundations of Computer Aided Process Design (FOCAPD '99) is the fifth international conference in this series. These conferences bring together engineers, scientists, faculty and graduate students from universities, government laboratories, processing industries, and technology companies to share, assess and critique results, and to influence future directions of computer-aided process design.

At the beginning of the conference draft copies of the papers will be distributed to participants. All papers will be reviewed and published in final form as a volume in the AIChE Symposium Series after the Conference. The Symposium volume will be mailed to all attendees.

A format of morning and evening technical sessions will leave afternoons flexible for informal discussions, demonstrations, or recreational activities. The technical sessions will have two or three speakers except for one session with shorter papers or

posters on promising new approaches and recent research results. All sessions will have ample time allocated for questions and discussion.

Many of the conference benefits come from informal discussions among the participants. To promote these interactions, the attendance will be limited. Selection will be based on the level of involvement and experience of the applicants in computer-aided design or in complementary or new areas, with priority given to qualified early applicants. Please apply as soon as possible but no later than by January 15, 1999; applicants will be notified of their acceptance as soon as a decision has been made but no later than February 1, 1999.

Planned Conference Topics

State-of-the-Art and Grand Challenge Problems in Process Design

- Green Chemistries, Waste Minimization and Recycling for Pollution Prevention
- Design for Operability, Control, and Inherently Safer Processes
- Capacity Utilization, Costs and Productivity

Fundamental Design Theories and Methods

- Process Design and Synthesis Methods
- Operability and Control Issues in Process Design
- Computational Fluid Dynamics and Transport Modeling
- Basic Data and Properties for Process Design

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Environments and New Tools for More Effective Process Design

- Distributed Computing and Distributed Tools for Process Design
- Integrated and Open Software Environments for Process Design
- Dynamic Models and Modeling for the Design of Process Systems
- Managing the Process of Process Design

Emerging Areas and Applications

- Batch Process Design for Specialty Chemicals and Pharmaceuticals
- Integration of Molecular and Mechanistic Chemistry with Design
- Integrated Process and Product Design
- Education and Training for Effective Design

New Developments and Industrial Needs

- Contributed Papers or Posters

Application and Fees

To promote an atmosphere of small group interactions, attendance at FOCAPD '99 will be limited and is by invitation based on this application. Applications must be postmarked by January 15, 1999. Invitations, which will contain detailed registration and payment information, will be sent as soon as your application is accepted, but no later than February 15, 1999.

The conference fee includes registration, proceedings, welcoming reception, hospitality and coffee breaks, and the conference banquet. The conference fee is:

- \$675 for registrations paid on or before **March 1, 1999**.
- \$750 for registrations paid between **March 2, 1999** and **May 14, 1999**.

Registrations and fees will *not be accepted* after **June 1, 1999**. Please note that there is a \$75 administrative fee for all cancellations.

Application for FOCAPD '99

To apply, please complete and return this application to:

CACHE Corporation
P.O. Box 7939
Austin, TX 78713-7939
(512) 471-4933
FAX: (512) 295-4498

Do not send fees with this application; fees will be submitted along with registration materials after invitations are issued.

Name and Title: _____

Affiliation: _____

Mailing Address: _____

Phone: () _____

Fax: () _____

Email: _____

Conference topics of main interest:

Main area of process design interest:

How do you expect this conference to be of help to you?

For more information: Web: <http://www.ecs.umass.edu/che/FOCAPD99/> Email: focapd99@ecs.umass.edu