Introductory Statement

New Frontiers in Chemical Engineering Education is a series of workshops whose aim is to specify an undergraduate chemical engineering curriculum that

- builds on our unique position in engineering
- attracts the best and brightest students
- is valued by industry
- contains a good supply of examples, contributed from the wide community of chemical engineering
- uses the best available practices for instruction

The series is funded by the National Science Foundation and conducted under the auspices of the Council for Chemical Research.

Workshop I was held in the Grosvenor Resort, near Orlando FL, on 2003 January 27-29. The participants were

Last Name	First Name	Affiliation
Abbott	Nick	Wisconsin
Anderson	Tim	Florida
April	Gary	Alabama
Armstrong	Bob	M.I.T.
Benziger	Jay	Princeton
Betenbaugh	Mike	Johns Hopkins
Burghardt	Wesley	Northwestern
Cano	Manny	Shell
Cerro	Ramon	Alabama Huntsville
Davis	Robert	U. of Virginia
Dudukovic	Mike	Washington U.
Edgar	Tom	U. of Texas
Fogler	Scott	U. of Michigan
Georgakis	Christos	Polytechnic U.
Gregg	John	Kraft
Hammack	Bill	Illinois
Harrison	Graham	Clemson
Hawley	Martin	Michigan State
Higgins	Brian	UC Davis
Kao	Cammy	Stanford
Kilpatrick	Peter	NC State
LeVan	Doug	Vanderbilt
Li	Kuyen	Lamar U.
McCarthy	Joe	U. Pittsburgh
McCready	Mark	Notre Dame
McFarland	Eric	UC Santa Barbara
McRae	Greg	M.I.T.
Miller	Dennis	Michigan State
Olbricht	Bill	Cornell
Pedersen	Henrik	Rutgers
Peeples	Tonya	U. of Iowa

New Frontiers in Chemical Engineering Education Proceedings

Pilehvari	Δli	Texas A & M Kingsville

Orlando Workshop

Pilehvari	Ali	Texas A&M Kingsville
Pine	David	UC Santa Barbara
Prudich	Michael	Ohio
Reimer	Jeff	Berkeley
Rousseau	Ron	Georgia Tech
Saliba	Tony	U. of Dayton
Schneider	Jim	Carnegie Mellon
Schork	Joe	Georgia Tech
Seagrave	Dick	Iowa State
Tavakoli	Javad	Lafayette College
Thien	Michael	Merck Research Lab
Turton	Richard	West Virginia University
Valenzuela	Carlos	Air Products
Walz	John	Yale
Watson	Ted	Colorado State
Weber	Fred	U. of Tennessee
Wiesner	Ted	Texas Tech
Zollars	Richard	Washington State

The meeting Facilitator was Jeannette Gerzon of Belmont MA; additional planning and support were provided by Barry Johnston and Melanie Miller of MIT.

Workshop I was charged to develop a set of foundational blocks for the curriculum. The Proceedings for Workshop I comprise

- executive summary
- individual working group reports on building blocks
- summary of building block reports, with comments from participants
- other notes, comments, and contributions

2003 Jan 27-29