

Preliminary Program

**American Society for Engineering Education
Pacific Southwest Section
Spring 2003 Conference**

Developing Tomorrow's Workforce

Hosted by

**University of Southern California
School of Engineering**

March 20 and 21, 2003

2003 ASEE/PSW Conference (Preliminary Program)

“Developing Tomorrow’s Workforce”

Thursday, March 20, 2003

8 – 9:00 a.m. Registration
 Location: Olin Hall, Rm. 122

9 – 10:15 a.m. Welcome and Keynote address
 Location: Olin Hall Rm. 122

Welcome: TBA

Keynote Address: Dan Goebel, Jet Propulsion Laboratory

Discussion: “Creating an Industry’s Message for the Academic Community”
 Joe O’Brien - Hewlett Packard
 Isadore Davis - Raytheon

10:15-10:30 a.m. **Break**

10:30 – 12 noon

Session 1 Pre- College Programs

Moderator: TBA

Location: Olin Hall, Rm. 122

Speaker: Larry Lim, USC
 “Pre-College Pipeline to Engineering”

Speaker: David James and Thomas Piechota, UNLV
 “University/High School Partnership for Introducing Engineering
 Design”

12:00 – 1:15 p.m. BBQ Luncheon

Location: Archimedes Plaza (E-Quad)

Speaker: Ray Haynes, Director, University Alliances & Development
 TRW/Northrup Grumman

1:30 – 3:00 p.m.

Session II ABET Issues

Moderator: TBA

Location: Olin Hall 122

Speaker: Raman Unnikrishnan, CSU-Fullerton

“Criteria 2000 and its impact on the Quality of Engineering Programs”

Speaker: Isadore Davis, Raytheon

“ABET’s Engineering 2000: Our Efforts in a Nutshell”

3:00 – 3:15 **Break**

3:15 – 5:00 p.m.

Session III Instructional Methods & Technologies

Moderator: TBA

Location: Olin Hall 122

Speaker: Bruno Osorno, CSU – Northridge

“Experiences in on-line teaching computer literacy 100”

Speaker: David Bowen, CSU – Hayward

“Team Skills: Are Engineers Learning, Spurning or Discerning?”

Speaker: Yuchian Tseng & Allen Klinger, UCLA

“Interacting with Web Diagrams”

Speaker: Mihir Das, CSU – Long Beach

“An Innovative Method for Teaching Design Graphics with Improved Learning & Retention”

6:30 – 7:00 p.m. **Social Hour**
Upstairs Café

7:00 – 9:00 p.m. **ASEE/PSW Awards Banquet**

Moderator: Rich Phillips, Harvey Mudd

Location: Upstairs Café – Garden Court

Awards Presentation: PSW Section Outstanding Teaching Award

Outstanding Community College Educator Award

Outstanding Section Campus Rep Award

Friday, March 21, 2003

7-9 a.m. PSW Executive Board Meeting
Location: Powell Hall, Rm. 223

8-9 a.m. Registration
Location: Olin Hall, Rm. 122

9 – 10:30 a.m.

Session I Support Tools for the Classroom/Curriculum Innovation

Moderator: TBA

Location: Olin Hall, Rm. 122

Speaker: Hans Kuehl , Edward Kazlauskas, Larry Picus - USC
“Learning and Cost-Effectiveness of a Web Enhanced Linear Circuits Course”

Speaker: Ray Bellem, Embry-Riddle University, Prescott Campus
“A Support Tool for Engineering Classroom Lectures”

Speaker: Eileen Cashman & Elizabeth Eschenbach, Humboldt State University
“Using On-Line Quizzes Outside the Classroom to Increase Students Engagement Inside the Classroom”

10:30 – 10:45 **Break**

10:45 – 12:00

Session II Diversity Issues

Moderator: TBA

Location: Olin Hall, Rm. 122

Speaker: Carol Mueller, Mentornet
“Mentornet, the E-Mentoring Network for Women in Engineering and Science: Progress and Prospects”

Speaker: Mihir Das & Lily Gossage, CSU – Long Beach
“Catch them Young: Women Engineers @ the Beach”

12:00 – 1:15 **Lunch**
Location: Upstairs Café
Garden Court