

P R E L I M I N A R Y P R O G R A M A N D R E G I S T R A T I O N B O O K

2001




















A SWE ODYSSEY

T H E S O C I E T Y O F W O M E N E N G I N E E R S
2001 NATIONAL CONFERENCE DENVER, CO JUNE 26-30
COLORADO CONVENTION CENTER • DENVER MARRIOTT CITY CENTER • HYATT REGENCY DENVER

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TOUR SYMBOLS

				
Hiking Boots	Walking Shoes	No Sandals or Open-Toe Shoes	Long Pants Required	Rain Pants
				
Layered Clothing	Jacket or Warm Sweater	Rain Jacket or Poncho	Gloves	Lunch Included
				
Pack	Minimum Age	Not Wheelchair Accessible	Signed Liability Form (Parent signature required for minors.)	Mountain Weather can be unpredictable (it can even SNOW).
				
Sunface Denver is the Mile High City. Sun exposure is more intense here. Hat, sunglasses, sunscreen, and a water bottle are highly recommended.	High Altitude Warning No one with a heart condition or respiratory problems should consider this tour. In addition, some people may experience altitude sickness. Symptoms include nausea, headaches, lightheadedness, or dizziness.	Heart Warning Those with heart or respiratory problems should not attempt this activity.	Rafting Gear Old tennis shoes, shorts or swimsuit, wool socks, cool-weather gear (fleece-type jacket), change of dry clothes and towel.	

WELCOME TO DENVER



Come take a journey through 2001: A SWE Odyssey. Your journey starts at the foot of the magnificent Rocky Mountains in your host city of Denver, Colorado. From its humble beginnings as a mining town, Denver has developed into the diverse and cutting-edge city it is today. The Mile High City, known for its altitude one mile above sea-level, attracts world-renowned companies in all aspects of industry, including telecommunications, high-tech, aerospace, chemical, and oil and gas. Here you can enjoy abundant urban attractions or escape to the mountain playgrounds. Denver also offers exciting cultural life, four seasons of professional and participant sports, historical sites, and exceptional dining.

Denver is filled with surprises and has something for everyone – just like this year's Conference. You can enhance your career, learn about new opportunities, develop new relationships, and expand your technical knowledge.

Take a look at what you can explore at the 2001 Conference:

- Fascinating keynote addresses by chemical engineer Karen Hendricks, Chairman, CEO and President of the Baldwin Piano & Organ Company, and civil/environmental engineer Karletta Chief, Miss Navajo Nation 2000–2001
- Exhibits and Career Fair
- Variety of Workshops, Seminars, and Panels
- Career Enhancement Series
- Explore Engineering Outreach Event
- Technical tours such as Ball Aerospace, famous for its COSTAR instrument that 'fixed' the Hubble Space Telescope, Coors Brewing Company, to witness all stages of beer making and many, many more
- Many non-technical tours to choose from, such as the U.S. Olympics Complex, Pikes Peak Cog Rail, and outdoor activities including hiking, rafting, biking, and rock climbing
- Famous Ice Cream Social
- On-site Child Care

There are many exciting programs and activities for you at the Society of Women Engineers 2001 National Conference. Are you ready to start your odyssey?

Preliminary program and on-line registration are also available at:
www.swe.org/SWE/Convention/den01/2001M.htm

Altitude

Due to the high altitude, you may experience some shortness of breath the first day. Some tips to eliminate any symptoms include drinking a lot of water and consuming lighter foods, especially during the first 48 hours. It is also recommended that you use sunscreen whenever you go outdoors.

KEYNOTE SPEAKERS

CONFERENCE KEYNOTE

Keynote Breakfast Thursday, 8:00 am – 9:30 am

\$30 Attendee, \$20 Student Sponsored by Eastman Kodak Company and Motorola. Business attire is recommended.

Karen L. Hendricks



Karen Hendricks is Chairman of the Board, Chief Executive Officer and President of the Baldwin Piano & Organ Company. Based in Mason, Ohio (near Cincinnati), Baldwin has five manufacturing plants and 1,550 employees in North America.

Prior to joining Baldwin in November, 1994, she was Executive Vice President & General Manager, Skin Care Division at the Dial Corporation in Phoenix, Arizona. Ms. Hendricks had P&L responsibility for Dial's U.S. bar and liquid soap business and their industrial products with approximately \$500 million in sales and 21% U.S. market share.

Ms. Hendricks spent almost 21 years of her career at the Procter & Gamble Company. She began in Product Development, after graduating from The Ohio State University with a B.S. in Chemical Engineering. After a series of promotions in product development, she was promoted in 1987 to General Manager of the Vidal Sassoon Hair Care Company, a newly-acquired business for P&G. In her last two years at Procter & Gamble she was Manager of Worldwide Strategic Planning for the Company's expanding global hair care business.

Ms. Hendricks is on the Board of Directors of ACNielsen Corporation and Corn Products International, Inc. She was also on the Board of the Columbia Energy Group. Appointed by the Governor of Ohio, she serves on the Board of Trustees of The Ohio State University. Ms. Hendricks is also a trustee for the Greater Cincinnati Chamber of Commerce, a member of the Cincinnati Business Committee, the Ohio Business Roundtable, on the Executive Committee of the Board of Directors of the Cincinnati Chapter of the American Red Cross, and Honorary Chairman of the American Classical Music Hall of Fame.

Ms. Hendricks is a native of Shelby, Ohio. She lives in the Cincinnati area with her husband and their son.

STUDENT OPENING KEYNOTE

Student Opening Lunch Wednesday, 12:00 pm – 1:30 pm

\$30 Attendee, \$20 Student Sponsored by Intel Corporation. Business attire is recommended.

Karletta Chief



Karletta Chief is Miss Navajo Nation 2000–2001. She is from Black Mesa, Arizona, and grew up in a home with no electricity, no running water, and little money. With Navajo as her first language, she went on to obtain an undergraduate degree in civil and environmental engineering from Stanford University. Ms. Chief then acquired her Master's degree in civil and environmental engineering. After 6 years of college, she took a break to serve her people as Miss Navajo Nation. She will return to Stanford to pursue her Ph.D. in the Environmental and Science Program upon completion of her term.

For many years, her family experienced the environmental degradation by local mining. She has seen the land being torn for the sake of energy needs of metropolitan areas. This background created her passion to study environmental engineering and in preserving and healing the environment. She wants to use her education to not only help her family, but to contribute back to her people. Ultimately, she would like to receive her Ph.D. With this degree she would like to be a university professor and provide environmental consulting to her people (as well as native people in general), and fight to protect lands and natural resources.

As Miss Navajo Nation, she has aspirations to update the technology of the office, particularly through creating a web site. This web site will serve as an education and communication tool to the Navajo Nation at home and abroad.

CONFERENCE HIGHLIGHTS

EXHIBITS OPENING RECEPTION AND EXHIBITS AND CAREER FAIR

Wednesday, 5:30 pm – 8:00 pm Sponsored by Ford Motor Company. Business attire is recommended. Join us for the ribbon-cutting ceremony by important leaders in Colorado. Bring a resume and be ready to interview.

Thursday, 9:45 am – 3:30 pm Business attire is recommended. Interested in looking for a new job, meeting corporate professionals, or discovering new products? The Exhibits and Career Fair promises all that and more. Lunch is included. Bring a resume and be ready to interview.

EXPLORE ENGINEERING

Wednesday, 1:30 pm – 8:00 pm Sponsored by Raytheon Company.

The Explore Engineering event is designed to combine middle- and senior-high school students (both female and male), parents, teachers, and counselors with engineering professionals and college students in order to create a unique learning experience and to get pre-college students excited about math, science, and engineering. Visit the Conference web site for more information on this event.

ICE CREAM SOCIAL

Wednesday, 8:30 pm – 10:00 pm Sponsored by Hughes Network Systems.

This favorite annual event is a time to network and enjoy the company of old colleagues and new friends over a delicious ice cream sundae with all the toppings. Open to all attendees.

STUDENT AWARDS BANQUET

Thursday, 6:30 pm – 9:00 pm \$50 Attendee, \$30 Student Sponsored by Chevron Corporation, Dell Computer Corporation, and Visteon Corporation.

See Student Conference Activities on page 5.

OPEN TECHNICAL EXCHANGE

Friday, 9:30 am – 4:00 pm Sponsored by ALCOA and Telcordia Technologies.

Papers and demonstrations submitted by companies, SWE members and individuals will be showcased at the Open Technical Exchange (OTE). The OTE is a great way to interact with the author, because he/she is there to discuss, in an open forum, the topic of the paper. Don't miss a great opportunity to interact on a professional level with your peers, and remember that lunch is included!

NETWORKING NIGHT

Friday, 6:00 pm – 10:00 pm \$55 Attendee, \$40 Student Sponsored by Agilent Technologies and The Dow Chemical Company. Casual attire is recommended.

Denver's rich tradition, from mining to high-tech sophistication, will be on display for Networking Night held at one of Denver's crown jewels – the Seawell Ballroom. After a brief walk or bus ride to the Denver Center for the Performing Arts, you will be enthralled with the beauty of Denver and the Rocky Mountains during a sit-down dinner in this elegant ballroom. As you eat, you can savor not only the food, but also the view from downtown in our Mile High City, looking west toward the mountains. After dinner, stay and enjoy the view as the sun sets and you network with friends, old and new. Or enjoy the entertainment – both in the ballroom, and downstairs in the theatre foyer where you'll get a taste of Colorado fun. If you're adventuresome, you can tour the rest of the Performing Arts Complex or venture into downtown on the 16th Street Mall and to the Denver Pavilions. All in all, we're planning a memorable and fun odyssey for everyone!

MEMBERSHIP BREAKFAST

Saturday, 8:00 am – 11:00 am \$30 Attendee, \$20 Student

Sponsored by Bechtel Corporation/Bechtel Jacobs Company, LLC/Jacobs Engineering. Business casual attire is recommended.

Participate in the Society's annual Business Meeting. Welcome the new National Officers, Region Directors, Fellows and Life Members and congratulate the Member Section award recipients.

ACHIEVEMENT AWARD RECEPTION

Saturday, 5:30 pm – 7:00 pm Sponsored by Sandia National Laboratories. Semi-formal attire is recommended.

Meet the recipient of SWE's highest award, as well as the recipients of the Upward Mobility Award, Resnik Challenger Medal, Rodney D. Chipp Memorial Award, and the Distinguished New Engineer Awards.

AWARDS BANQUET

Saturday, 7:00 pm – 10:00 pm \$60 Attendee, \$35 Student Sponsored by Lockheed Martin Corporation. Semi-formal attire is recommended.

Join us for the final event of the Conference as we honor the recipient of SWE's highest award (the Achievement Award) and other award recipients.

CAREER RESOURCES CENTER

Tuesday, Wednesday, Thursday, Friday, 9:00 am – 5:00 pm Sponsored by ExxonMobil.

This room will feature computers, printers, and Internet access, for use by attendees and students to create or change resumes, or check email.

STUDENT CONFERENCE ACTIVITIES

Student Conference activities are aimed at college students and graduate students alike. Special emphasis has been placed on helping students to transition from school to work, to learn valuable skills necessary to obtain that dream job, and to network with other women engineers and role models during the Conference. Students are also encouraged to attend the courses, seminars, workshops and panels offered in the remainder of the Conference program.

Technical Presentation Competition

Practice: Tuesday, 1:00 pm – 5:00 pm
Competition: Wednesday, 8:00 am – 11:45 am
Sponsored by: Hughes Corporation, Lockheed Martin Corporation and Rockwell Collins/Rockwell Automation.
Attire for participants: Casual attire for practice, business attire for competition.

Regional finalists compete against each other in this annual contest. The national winners are eligible for cash prizes of \$1,500, \$1,000, and \$750 for first-, second-, and third-place prizes, respectively.

Boeing Team Tech Competition

Practice: Tuesday, 1:00 pm – 5:00 pm
Competition: Wednesday, 1:45 pm – 5:30 pm
Sponsored by: The Boeing Company
Attire for participants: Casual attire for practice, business attire for competition.

The Team Tech Competition was introduced in 1992 by the Boeing Company to emphasize the key role of teamwork and interface with industry. Team presenters compete for prizes of \$2,400 for first place and \$1,200 for second place.

Competing teams ranging from four to twelve students and representing a minimum of three engineering disciplines were formed in Fall, 2000. They submitted an initial, interim, and final report of a project of their own choosing. In addition, each team has been working with an Industrial Advisor, responsible for ongoing evaluation of the team's progress. The teams and their projects will be evaluated in five areas.

All students are invited to attend the practice and competition sessions to learn how to prepare for this competition. These presentations demonstrate the work that can be accomplished when people strive to work together.

Student Dinner and Ideas Exchange

Tuesday, 5:30 pm – 7:00 pm
Sponsored by: Northrop Grumman Corporation
Attire: School logo shirt.

Did your Student Section do something great this year? Maybe the Section developed a new way to recruit new members or keep current ones, or a great new fundraiser? Come join students from across the nation and share those great ideas. This event also gives students a chance to meet new friends and catch up with old ones.

Student Region Meetings

Tuesday, 7:00 pm – 9:00 pm
Sponsored by: Caterpillar, Inc.
Attire: School logo shirt.

Learn what is going on in your Region and within the Society, and meet other students from your Region. These Student Region meetings are the business sessions for students. The Student Regional Representatives and the Newsletter Editors are elected, decision-making at the region level takes place, CSR issues are discussed and SME (Subject Matter Expert) bowl participants are selected.

Graduate Student Meeting

Tuesday, 7:00 pm – 9:00pm
Attire: School logo shirt.

Meet other graduate students to discuss issues including networking, mentoring, and surviving graduate school.

Student Opening Lunch

Wednesday, 12:00 noon – 1:30 pm
Sponsored by: Intel Corporation
\$30 Attendee, \$20 Student
Business attire is recommended.

This lunch officially opens the Student Conference. It is a networking opportunity with professionals and students in attendance. Share ideas with others at your table, enjoy lunch, and hear the inspirational life story of Karletta Chief, Miss Navajo Nation 2000–2001. (*See biography on page 2.*)

SME (Subject Matter Expert) Bowl

Wednesday, 3:00 pm – 6:00 pm
Sponsored by: ExxonMobil
Attire: School logo shirt.

The ExxonMobil SME Bowl is a contest with a "College Bowl", "Who wants to be a Millionaire?"-atmosphere. Student teams representing the ten SWE regions compete to answer engineering and SWE-related questions. Signups for the teams take place during the Student Region Meetings. All students are encouraged to come and test their talent and knowledge or just cheer on and support their favorite Region. Cash prizes are awarded to the individual SME Bowl winners and to the Region of the winning team.

Exhibits and Career Fair

Wednesday, 5:30 pm – 8:00 pm &
Thursday, 9:45 am – 3:30 pm
(*See Conference Highlights on page 3.*)

Ice Cream Social

Wednesday, 8:30 pm – 10:00 pm
(*See Conference Highlights on page 3.*)

Keynote Breakfast

Thursday, 8:00 am – 9:30 am
(*See Conference Highlights on page 3.*)

IBM Mentoring Cafe

Thursday, 9:00 am – 2:30 pm

IBM's Mentoring Cafe is designed as an informal setting in which Conference attendees can meet, share their expertise, and be role models for one another. Come rest your tired feet, share some light refreshments and talk about the needs of women in engineering today. IBM will be making a number of their professional women engineers from all levels available to answer questions and to offer advice to anyone interested in some no-strings-attached mentoring!

STUDENT CONFERENCE ACTIVITIES

Student, Graduate Student, and Alumni Reception

Thursday, 5:30 pm – 6:30 pm
Semi-formal attire is recommended.

The Student, Graduate Student, and Alumni Reception is an opportunity to network with other undergraduate students, graduate students, and professionals. This year the reception and the networking activities are organized so you can meet others with similar engineering majors, graduate school experiences, and other interests. This reception is also an excellent opportunity to share stories with others and meet those who attended your alma mater.

Student Awards Banquet

Thursday, 6:30 pm – 9:00 pm
Sponsored by: Chevron Corporation, Dell Computer Corporation, and Visteon Corporation
\$50 Attendee, \$30 Student
Semi-formal attire is recommended.

Lights, Camera, Action – Prepare for a "Fantastic Voyage – An Out of this World Awards Ceremony." Come see the stars that shine throughout the SWE Student Section universe. Dine in SWE Odyssey style and participate in a futuristic ceremony where both the comets and SWE awards streak across the nighttime sky. Throughout the Conference, get your pictures taken and/or your video segments recorded and be included as a SWE Odyssey Star. This will be an exciting night filled with lights, music, video, pictures, and entertainment to recognize this year's recipients of the Distinguished Engineering Educator award, SWE Scholarships, Student Section awards, Technical Presentation Competition awards, the Boeing Team Tech Competition awards, and the ExxonMobil SME Bowl awards. Join us for an exciting, fun-filled awards ceremony that you just can't miss!

Networking Night

Friday, 6:00 pm – 10:00 pm
(See Conference Highlights on page 3.)

Membership Breakfast

Saturday, 8:00 am – 11:00 am
(See Conference Highlights on page 3.)

Career Resources Center

Tuesday, Wednesday, Thursday and Friday
9:00 am – 5:00 pm
Sponsored by: ExxonMobil

Job hunting? Then bring plenty of copies of your resume to the Conference and take advantage of the networking and interviewing opportunities at the Exhibits and Career Fair. Better yet, be sure to bring an electronic version so you can make any necessary changes. Computers, copiers, printers, and internet access will be available in the resource room.

How to Choose a Graduate Program

10:00 am – 11:00 am
Speaker: Norm Wilkinson, Worcester Polytechnic Institute

Co-ops and Internships Discussion

11:00 am – 12:00 pm
Speaker: Patrice Langford, Motorola

Wardrobe Transitions: Student to Professional

1:00 pm – 3:30 pm
Speaker: Rachel Dee

Success Model – Transition from School to Career

2:00 pm – 3:00 pm
Speaker: Kim Jones, Procter & Gamble

Networking Skills for Students

3:00 pm – 4:00 pm
Presented by DuPont

Public Speaking

3:00 pm – 5:00 pm
Speaker: Joe McBride

Resume Writing

4:00 pm – 5:00 pm
Presented by DuPont

WEDNESDAY, JUNE 27

Resume Writing

8:00 am – 9:00 am
Presented by DuPont

Networking Skills for Students

8:00 am – 9:00 am
Presented by DuPont

Panel: What I Wish I'd Known When I Graduated from College

9:00 am – 10:30 am
Presented by DuPont

Panel: What is a PE and Why Should I Get One?

9:00 am – 10:00 am

How to Work a Career Fair

10:30 am – 11:45 am
Speakers: Walter McFall and Tina Kilmer

Interview Skills

1:45 pm – 3:15 pm
Speaker: Sue Wells, Raytheon

Co-ops and Internships

1:45 pm – 3:15 pm
Speaker: Chris Fabrycki, Telcordia Technologies

Beginning Smart Money Moves for Students

3:45 pm – 5:30 pm
Speaker: Dr. Judith Briles



Colorado Convention Center

Student Workshops are free and included with your registration.

STUDENT WORKSHOPS

TUESDAY, JUNE 26

Selecting a Job Offer

8:00 am – 10:00 am
Presented by Decker & Associates

CAREER ENHANCEMENT SERIES (CES)

These courses are offered for Continuing Education Units (CEU). (* Cannot be included in Option 2.)

All Career Enhancement Series courses carry continuing education units (CEUs). Certificates of completion are awarded after course completion. Fees for the certificate and transcript record are included in the course fee and are granted by the University of Colorado at Denver. The CEU is a standardized and nationally-recognized unit of measure that documents successful participation in a professionally organized continuing education learning experience.

TUESDAY, JUNE 26

Beginning Project Management Training *

8:00 am – 12:00 pm

Cost: \$50 Attendance Limit: 32 0.4 CEU

Come learn how to employ the principles of Project Management in dynamic, complex, and not-so-friendly project environments! This session is designed to introduce the fundamentals of Project Management with a specific emphasis on managing the key elements of a work environment toward project success.

Special attention will be given to principles of team dynamics, cascading goals, and the linkage between management and leadership to balance theory and practice. The session will include experiential exercises designed to reinforce key learnings and provide guides for practical application.

Speakers: Celeste Yeakley, Motorola, has 15 years of experience in managing large and small technical projects, as well as leading a quality engineering group at a government research facility. She is currently the Assistant Director of Engineering at Metrowerks, a Motorola company in charge of managing International Test and Quality Assurance.

Maria Keys of Motorola's HR Program Office has responsibility for driving the implementation of Project Management (PM) principles. She is recognized for delivering projects and achieving business-relevant outcomes by employing PM methodology and principles in the management of sector-wide, global HR projects.

Reinforcement-Based Leadership – Day 1 of 2 *

8:00 am – 5:00 pm

Continues Wednesday, 7:30 am – 11:45 am

Cost: \$150 Attendance Limit: 50 1.2 CEU

This seminar is based on Chevron's Reinforcement-Based Leadership (RBL) Program. RBL is a customized application of applied behavioral science with a focus on identifying, measuring, and reinforcing behaviors that achieve and sustain positive business results.

Participants will understand why behavior and managing behavior are key elements of effective leadership, promoting high performance, and achieving critical results. The objectives of this workshop are to: build understanding of RBL principles and tools; begin applying RBL principles and tools immediately; establish participants as positive reinforcers who are able to achieve results "the right way"; and enhance participants' personal effectiveness as leaders.

Speaker: Jane Doty MacKenzie is currently the Team Lead for Change Leadership and Training at Chevron. Prior to this, Jane was involved in the design and start-up of Chevron's new Learning and Development Organization charged with company-wide deployment of RBL. Jane received her Chemical Engineering degree from the University of Michigan and an MBA from the University of California at Berkeley.

Risk Management *

12:30 pm – 5:30 pm

Cost: \$95 Attendance Limit: 75 0.5 CEU

Participants will learn: the properties and categories of risk management; planning and analysis strategies to reduce risk; the connection between risk management and the project plan; how to proactively manage issues that could negatively impact the successful completion of a project; and how to use tools and techniques for dealing with scope, team structure, business, government, finance, operations, environment (external influences on the organization), technology, and development risks.

Speaker: Stacey Williams, Senior Instructor at Systemation, is nationally known for her training and consulting activities in the areas of: project management, risk management, systems analysis and design, team-building, conflict management, and sexual harassment. After eight years in technical activities (programmer, software designer, IT project manager), Stacey moved to the Human Resources side of Public Service Company of Colorado and found her calling with training and development. She is a graduate of Colorado State University with a BS in Mechanical Engineering and a minor in Math.

Business Writing

2:00 pm – 4:00 pm

Cost: \$60 Attendance Limit: 50 0.2 CEU

Are your letters, memos, proposals and reports noticed, read, understood, and acted upon? Written communication should be noticed and appreciated just as much as an outstanding design. This session gives practical tips to develop a clean, crisp, readable style when writing. Learn to write to capture the reader's attention and make your documents come to life.

Speaker: Alene Hayes, CEO, the Haynes Agency, is a speaker, trainer, coach, and business consultant. Alene works with financial institutions in Houston, Texas and throughout the country. Additionally she is a contract trainer with Fred Pryor teaching grammar, business writing, and financial accounting.

WEDNESDAY, JUNE 27

Reinforcement-Based Leadership – Day 2 of 2 *

(Continued from Tuesday)

7:30 am – 11:45 am

(See Tuesday for details.)

Techniques of Effective Presentations *

8:00 am – 11:45 am

Cost: \$110 Attendance Limit: 75 0.375 CEU

Whatever the skill level of the presenter, there are certain principles and techniques that make for more effective presentations. This seminar will present information that can be used by anyone making presentations

CAREER ENHANCEMENT SERIES (CES)

WEDNESDAY, CONT'D.



Colorado Convention Center Lobby

to make them better organized, more interesting, easier to understand, and more effective. Topics covered can include bonding with the audience, establishing credibility, building empathy, avoiding the most common organizing mistakes, finding the crux of your message, maximizing your visual impact, understanding the warm persuasive power of the human voice, handling the dreaded question-and-answer time, and getting the audience to take action.

Speaker: Joe McBride is a professional speaker, workshop presenter, speech writer, and consultant. His speech writing and consulting clients include business executives, media personalities, politicians, and elected officials.

Engineering Ethics

1:45 pm – 3:15 pm

Cost: \$25 Attendance Limit: 100 0.15 CEU

This workshop will help participants understand the concept of professionalism as it relates to engineering and business ethics. Ms. Grubbe will share some general business policies and guidelines to help participants make sure their careers stay on the right track by knowing where and when to draw the line.

Speaker: Deborah Grubbe, DuPont, has a 22-year career that spans assignments in plant development, project design, construction, human resources, and project engineering management. Deborah serves on the Board of Directors of the Engineering and Construction Contracting Division of the American Institute of Chemical Engineers. She is the former Co-Chair of the Benchmarking and Metrics Committee of the Construction Industry Institute. Deborah was the first woman and youngest elected member on the State of Delaware Registration Board for Professional Engineers. During her tenure on the State Board, Deborah chaired the Law Enforcement and Ethics Committee.

Exploring Personality Diversity with the Myers-Briggs Type Indicator *

2:00 pm – 5:30 pm

Cost: \$50 Attendance Limit: 75 0.35 CEU

This program focuses on the implications of personality in leading or participating on work teams. Participants are exposed to the history and theory supporting the Myers-Briggs Type Indicator and will be able to interpret their own profiles in the workshop. The speaker will lead the group through exercises to witness the very real differences in personality types and will discuss the implications of personality diversity in teams and work units. Participants will gain an appreciation of personality implications and will generate ideas to build more rapport and effectiveness in a team environment.

Speaker: Nancy Curren is an experienced organizational development consultant with an international background and a proven track record in team development, communication strategies, collaborative thinking, and change-transition management. Nancy has extensive experience in the design, delivery, and evaluation of behavioral and technical training and has developed and coordinated large-scale organization-wide change efforts. She has a Masters of Education degree with emphasis in psychology and counseling and is certified to administer and interpret a variety of organizational and psychological instruments.

Handling Information Overload *

2:00 pm – 5:00 pm

Cost: \$110 Attendance Limit: 100 0.3 CEU

Do you get 100 emails every day? Do you work twice as hard today just to keep up? Does the sight of your messy office frustrate you? Then this course is for you! Technology can undoubtedly improve your productivity, but if you don't use technology wisely, it can make you less productive rather than more so. After attending this course, you will be able to handle the daily onslaught of email, voice mail, people, paper, priorities, and pagers.

Speaker: Laura Stack is the President of Celebration Presentations, a training company in Denver, Colorado, that caters to high-stress industries. She presents keynotes and seminars to Fortune 500 Corporations on reducing information overload, managing multiple priorities, balancing work and family, getting organized, and reducing stress. Laura has earned the Certified Speaking Professional (CSP) designation from the National Speakers Association (NSA) and an MBA from the University of Colorado.

THURSDAY, JUNE 28

Team Building for Managers

1:00 pm – 2:30 pm

Cost: \$25 Attendance Limit: 75 0.15 CEU

You may be leading major construction of a manufacturing unit, or serving as a team member on a Six Sigma project, or teaming with a co-worker to solve a safety issue. In every situation, and in almost every role you take on, you need to work with others in a synergistic fashion to produce high-quality results that are supported by the team and by your company. This seminar will provide some real-world examples and tips for successfully being a team leader and team member, including defining the charter of a team, motivating team members, delegating, recognizing contributions, and handling conflict resolution. Special emphasis will be given to the manager's role in providing strategic direction and sustaining teams.

Presented by DuPont.

CAREER ENHANCEMENT SERIES (CES)

THURSDAY, CONT'D.

Communication Skills

2:00 pm – 5:00 pm
Cost: \$60 Attendance Limit: 50 0.3 CEU

The single most important personal ability that affects every aspect of our lives is the ability to communicate. This session will include information about great communicators and what they do or don't do. Participants will practice and learn communication skills that will positively impact their lives. They will learn skills that will help them at work, in their personal relationships, and in social settings.

Speaker: Sally Lester's warm and witty style will lighten your mind and heart. She has a way of entertaining and informing when she speaks. Sally owns her own speaking and training business and provides training nationally and internationally. She has worked as a supervisor, manager, financial planner, trainer, and college instructor. She has a Master's degree in Psychology. During the Vietnam War she served in the Army and was stationed at the War Room at the Pentagon.

Diversity: Management's Role in Implementing Change

2:30 pm – 4:00 pm
Cost: \$25 Attendance Limit: 100 0.15 CEU

With the changes taking place in the demographics of the workplace, with a greater focus on global business, and with the competition for technical talent, managing diversity is a vital business factor. A company's success in changing the corporate culture depends heavily on management support and leadership. Representatives from DuPont will share strategies for managers in leading a diverse workforce to compete and succeed in an international marketplace and for developing and retaining a diverse workforce.

Presented by DuPont

FRIDAY, JUNE 29

Influential Leadership

9:00 am – 12:00 pm
Cost: \$60 Attendance Limit: 50 0.3 CEU

Good leadership is about understanding the dynamics between people, business, and change. Influential leadership raises the bar. You know when you meet an influential leader because this person is not defined by outside focus, but by internal focus. This program looks at how leadership is developed, why gender is important, finding your center, and what influences decisions. This is an interactive workshop using exercises and case studies to help people understand the crucial elements of influential leadership.

Speaker: Pat Hinckley is an engineer who teaches leadership, gender diversity, and facilities management. Her work focuses on business and education strategies that bring balance to the workplace in ways that enable organizations and people to achieve their full potential,

reduce exposure to litigation, and lower operating costs. Pat is trained in human dynamics, leadership, and education. She is an educator for Hinckley Group, a consulting and training business located in Brunswick, Maine.

Conflict in the Workplace

9:00 am – 12:00 pm
Cost: \$60 Attendance Limit: 75 0.3 CEU

Conflict is inevitable. Anger, blame, and grudges are not. Conflict is normal, natural, and occurs in every arena of life. We can't avoid conflict, but the way we deal with it will determine whether it is a constructive or destructive force. This seminar will focus on guidelines and techniques for opening the lines of communication, boosting morale, and fostering teamwork in conflict situations.

Speaker: Dr. Audrey Nelson is an internationally-recognized consultant and seminar leader. She specializes in male-female communication, interpersonal skills, sexual harassment/discrimination, cultural diversity, and conflict management. Her background includes 10 years as a university professor in communication, and 20 years as a consultant for Fortune 50 and 500 companies. She holds her BA, MA, and Ph.D in communication. She conducted post-doctoral work in communication at Warnborough College in England.

What Every Manager Needs to Know About Employment Law

9:00 am – 12:00 pm
Cost: \$60 Attendance Limit: 50 0.3 CEU

This program will provide a basic introduction to the employment law issues faced by managers in the workplace. The topics to be covered include the latest employment law developments; hiring and management of employees; harassment; how to safely evaluate, discipline, and/or terminate an employee; and managing within federal guidelines. The program will be interactive and provide the participants with an opportunity to ask questions about current employment issues they are facing.

Speakers: Debra Armbruster is an attorney in private practice in Englewood, Colorado. She specializes in counseling business clients on the implementation and requirements of federal and state employment laws, provides training on employment law issues, and helps businesses and individuals draft and negotiate employment agreements.

Jennifer Robinson is Principal in the law firm of Robinson & Associates Employment Group, LLC. The firm specializes in the defense of employment disputes. Ms. Robinson also conducts training on numerous topics, including sexual harassment prevention and diversity.

CAREER ENHANCEMENT SERIES (CES)

FRIDAY, CONT'D.

Intellectual Property Protection

9:30 am – 10:30 am

Cost: \$25 Attendance Limit: 100 0.1 CEU

Why is intellectual property protection important to engineering? This workshop will explore types of intellectual property protection and how the various types affect the science and engineering fields. An emphasis will be placed on patents as means of intellectual property protection.

Speaker: Kim-Marie Levis received her BS and MS from MIT in Materials Science and Engineering. She has externally published and presented her technical work and currently works as a patent engineer, writing semiconductor patents for Motorola. She plans to become a certified patent agent and an I.P. Attorney.

Negotiating *

1:00 pm – 4:00 pm

Cost: \$100 Attendance Limit: 100 0.3 CEU

Negotiation is the second most important skill we use every day. Learn how you may be committing self-sabotage and specific techniques to change the results in your life. Handle conflicts, confrontations, and emotional situations more skillfully. Build better relationships with your boss, your staff, and customers. Learn how to quickly establish rapport in any situation to facilitate better results and better relationships. Know how to position yourself for respect in the workplace and in your relationships. Learn practical, down-to-earth action steps.

Speaker: Mary Colletti is a consultant and trainer who designs and presents numerous programs for her company, Strategies For Success. She has worked with over 50,000 executives, managers, and staff members from a wide variety of fields including aerospace, manufacturing, hospitality, education, medicine, and finance.

Supervisor Basics *

1:00 pm – 5:00 pm

Cost: \$60 Attendance Limit: 100 0.4 CEU

This seminar will include: Fundamentals – an overview of the five basic functions of management, including planning, organizing, staffing, coaching, and leading; Business Communication – discover a way to avoid misunderstandings by taking 100% of the responsibility to ensure that the communication cycle is complete; and Coaching Effectively – use coaching as a motivational tool by learning five solid steps to compliment, improve, or correct staff performance. Participants will gain useful techniques for improved staff performance and practical strategies for client satisfaction.

Speaker: Nancy Whitsel is a Human Resource Professional with over 20 years of experience in training managers in service industries. Nancy has strong experience in providing engineers with an interactive format for practicing enlightened management principles.

SATURDAY, JUNE 30

Mid-Level Manager Skills *

8:00 am – 12:00 pm

Cost: \$60 Attendance Limit: 100 0.4 CEU

This seminar will include: Recruiting, Interviewing, and Hiring – the most important part of the process is NOT the interview! Critical to successful employee selection is the planning and organizing prior to the interview. Participants will acquire valuable tools for pre-planning, determining requirements, and qualifications. Coaching Staff – Feedback is a critical interpersonal skill for training new staff, guiding projects, and building a team. Analyze and refine your teaching with questions, reflective listening, and giving advice. Delegating for Results – Discuss the benefits of appropriate delegation to you, your team and your organization. Learn delegation steps to assign, monitor, motivate staff, and evaluate progress.

Speaker: Nancy Whitsel.

(See "Supervisor Basics".)

Advanced Project Management Training:

Taking it to the Next Level *

8:00 am – 5:00 pm

Cost: \$100 Attendance Limit: 50 0.8 CEU

Managing projects of increasing complexity and continuously improving the management of projects are two key dimensions of taking project management to the next level. Participants will acquire an understanding of the key areas to address and tools to improve probability of success.

Speaker: Pat Nahas joined Motorola seven years ago as the Six Sigma Champion for the SPS Microcontroller Manufacturing Organization, with responsibility for driving the implementation of Six Sigma Methodologies and Tools across semiconductor manufacturing facilities worldwide. Currently, she is a member of the staff of the SPS Program Office, which has responsibility for driving the implementation of Program/Project Management across the Sector businesses. Additionally, she serves as the Chair of the SPS Six Sigma Black Belt Committee and is herself a Motorola Six Sigma Black Belt.

TECHNICAL PAPER PRESENTATIONS

Thursday, 1:00 pm – 5:00 pm

Friday, 9:30 am – 12:00 pm, and 1:00 pm – 5:00 pm

Technical papers will be presented in one of four program tracks:

The Future of Knowledge Transfer
Sponsored by Motorola

The Career Odyssey
Sponsored by DuPont

The Future of Exploration

The Technological Odyssey

SEMINARS

(* - Cannot be included in Option 2.)

SEMINARS

TUESDAY, JUNE 26

Projecting a Powerful and Confident Presence *

9:00 am – 12:00 pm

Cost: \$115 Attendance Limit: 100

Developing and projecting a positive and professional image is a learned skill that can be utilized to achieve success in the workplace. Areas of discussion will include wardrobe, grooming, posture, body language, basic etiquette, color, and creating personal style.

Speaker: Rachel Dee has been an image consultant since 1988. She is an associate member of Image Consultants International and the National Speakers Association. www.racheldee.com.

Stress Management

1:00 pm – 2:00 pm

Cost: \$30 Attendance Limit: 100

When nearly everything causes some type of stress, participants will learn to recognize and deal with each type. The session will be informative and entertaining. Those attending will practice and learn various coping skills that will assist them in better dealing with stressful situations at work and at home.

Speaker: Sally Lester. (See "Communication Skills" on page 8.)

Thriving with Change When Thriving Doesn't Feel Like an Option

2:00 pm – 5:00 pm

Cost: \$60 Attendance Limit: 100

Change is everywhere and accelerating at a faster rate than ever before. Some changes are no bigger than gnats, others the size of a Mack truck. Either way, the thought of and implementation of change can demoralize, even destroy those going through it. Learn to create an action plan to grow through change and thrive.

Speaker: Dr. Judith Briles presents from her 28 years of business and entrepreneurial experiences. She is an award-winning author of over 20 books, and an international motivational speaker who delivers her programs with content and humor. Her work and articles have appeared in *The Wall Street Journal*, *USA Today*, *Time*, *Money*, *The New*

York Times, *People*, and other publications. She has appeared on over 1,000 television programs. Dr. Briles is known as a catalyst for change and believes that every pitfall experienced leads to an opportunity and greater success.

WEDNESDAY, JUNE 27

Woman to Woman – Sabotage to Support

8:00 am – 10:00 am

Cost: \$50 Attendance Limit: 125

Being undermined by someone you know is a big issue for women. Sabotage is the act of undermining or destroying your personal or professional integrity. Undermining activity is too often considered a taboo topic to broach outright. Today's manager or staff person must be willing to probe, confront, and change a toxic workplace. This program, based on the best-seller, *Woman to Woman 2000*, will help identify and deal with these destructive behaviors.

Speaker: Dr. Judith Briles. (See "Thriving with Change when Thriving Doesn't Feel Like an Option.")

Dealing with Difficult People

9:00 am – 11:45 am

Cost: \$35 Attendance Limit: 100

In this interactive workshop, learn your communications style and the style of others, and how to communicate effectively with everyone. Learn assertive communication skills, overcoming negativity, and stress management.

Speaker: Jean Riggs recently retired from the City of Deer Park, Texas after 31 years as a Recreation Supervisor. Jean refined her communication and leadership skills through 14 years of participation in Toastmasters International, serving on their International Board of Directors from 1996 through 1998. Jean has also been a professional clown for 15 years, and founded and operated a dinner theater.

Smart Money Moves

1:45 pm – 3:30 pm

Cost: \$50 Attendance Limit: 100

Most women are responsible for day-to-day management of business and family finances. Yet, according to a national survey, only 15% of women make ongoing investment decisions; over 60% said they didn't fully understand a mutual fund; and less than 15% described themselves as "very knowledgeable" when making investment decisions. The most common reason – they didn't know where to begin. Smart Money Moves will show you that you are the steward of your money – however big or small your stash. You will decide to consume it, grow it, or give it away. With each Smart Money Move, you will learn money strategies that will enhance personal and family money sense.

Speaker: Dr. Judith Briles. (See "Thriving with Change when Thriving Doesn't Feel Like an Option.")

Bridging the Generations Gap

2:00 pm – 5:00 pm

Cost: \$35 Attendance Limit: 100

Employees and managers alike face challenges in communicating with members of the Seniors, Baby Boomers, Generation X-ers, and Millennials. Each generation brings strengths as well as weaknesses to the workplace that must be dealt with effectively for a productive work environment. This seminar identifies the four generations at work today in America, characteristics and values of each, and techniques for communicating effectively with each.

Speaker: Dee Dee Raap, President of JourneyWorks, is a motivational speaker, trainer, and consultant in customer service, sales, leadership, organizational development, and marketing. Dee Dee has 16 years of experience in sales and marketing, serving as Director of Sales and Marketing for the South Dakota Department of Tourism and Vice President of Marketing Development for BankWest.

THURSDAY, JUNE 28

Burnout *

1:00 pm – 3:00 pm

Cost: \$70 Attendance Limit: 100

In the rapidly changing global community, we face an accelerated challenge to our professional success. That challenge is to avoid

falling into the pit of burnout. Isn't it time to stop letting those chronically difficult people push your hot buttons? Learn specific techniques to keep your cool at work AND at home, because you take your stressed self to work every day. Learn how to make those changes in your life really happen.

Speaker: Mary Colletti. (See "Negotiating" on page 9.)

Managing Men and Men Who Are Older Than You

1:00 pm – 4:00 pm

Cost: \$45 Attendance Limit: 125

This seminar will focus on issues vital to men and women working successfully together, such as style differences, sex role behavior, the makings of a professional relationship, and teamwork at work. Roles and images will be explored. The six biggest managerial mistakes women make with men, communication skills, and gender issues in the workplace will be discussed. Attendees will learn how to identify female-male power plays and how to disarm them, in addition to strong non-verbal communication.

Speaker: Dr. Audrey Nelson. (See "Conflict in the Workplace" on page 8.)

Let Go, Lighten Up, & Get On With It

2:30 pm – 4:00 pm

Cost: \$45 Attendance Limit: 125

Gain "The Inside Advantage" and accomplish extraordinary things! Learn: (1) what you need to let go and what to hold onto; (2) how to lighten up, feel healthier, experience more joy and develop an "Oh Wow!" attitude; and (3) effective methods to get on with it! Cathy shares some of the best strategies for personal and professional success, and for living life to the fullest. Join her on this special odyssey—journeying through reality and your imagination. She will not only make you think, she will touch your heart in a special way!

Speaker: Cathy W. Lauro, founder and President of Request, Inc., is a nationally-recognized professional speaker, trainer, success coach, and author of *The Inside Advantage: How Ordinary People Can Accomplish Extraordinary Things*. With a masters

PANELS AND WORKSHOPS

SEMINARS, CONT'D.

degree in Applied Psychology and ten years in training and human resource management, she brings wisdom and unique insights to her work in helping organizations and individuals create positive changes.

FRIDAY, JUNE 29

Communication Differences Between Women and Men

1:00 pm – 4:00 pm
Cost: \$35 Attendance Limit: 100

This seminar will explore how the sexes communicate. Although there are many individual differences in communication, research has uncovered some interesting trends in differences between the sexes. Specifically, differences in verbal and nonverbal communication will be identified. Examination of ourselves and our interactions with the opposite sex will be the focus. Suggestions for improving communication between the sexes, especially in the workplace, will be offered.

Speaker: Dr. Audrey Nelson.
(See "Conflict in the Workplace" on page 8.)

SATURDAY, JUNE 30

Future Visions (Living in a Wired World)

3:00 pm – 5:00 pm
Cost: \$25 Attendance Limit: 100

This presentation gives you the tools to distinguish wishful thinking from solid vision in business; whether it helps you gain insight into which companies have a strong future or shows you beneficial ways to invest for your own personal growth. This presentation will discuss the past history, the present, and the future projections of living in a "wired world" and how the future will affect your specific industry.

Speaker: Thomas Hoden is an investment professional with over 25 years of investor experience.

All panels and workshops are free and included with your registration.

PANELS

WEDNESDAY, JUNE 27

What is a PE and Why Should I Get One?

9:00 am – 10:00 am

Volunteerism

11:00 am – 11:45 am

Women in Government

3:30 pm – 5:00 pm

Entrepreneurship

4:00 pm – 5:30 pm

FRIDAY, JUNE 29

Dual Careers

9:30 am – 11:30 am

Networking

1:00 pm – 3:00 pm

Changing Careers

1:00 pm – 3:00 pm

Elder Care

3:00 pm – 5:00 pm

Women in Academia

3:00 pm – 5:00 pm

SATURDAY, JUNE 30

Glass Ceiling Perspectives

11:00 am – 1:00 pm

What To Do With Your Time When You Retire

1:00 pm – 3:00 pm

Fellows Panel

3:00 pm – 4:00 pm

CEO Forum

3:00 pm – 4:30 pm

WORKSHOPS

TUESDAY, JUNE 26

The DuPont Six Sigma Experience

8:00 am – 12:00 pm

Speaker: Janet Ludert, Dupont

WEDNESDAY, JUNE 27

Mentoring and Today's Woman

8:00 am – 9:00 am

Speaker: Susan O'Connell, Lockheed Martin

Recruitment and Retention

8:00 am – 10:00 am

Speaker: Catherine Hatfield

Cashing In on Great Ideas

8:00 am – 11:45 am

Speaker: Alan Tratner, President, Inventors Workshop International

How to Survive a Technical Interview

10:00 am – 11:00 am

Presented by Microsoft

With Courage, Your Passion Cannot Be Doused

10:00 am – 12:00 pm

Speaker: Sandra Walston

Integrative MS in Engineering and Business

1:45 pm – 2:45 pm

Speaker: Dennis Mahoney, MIT

How to Start and Run Your Own Business

1:45 pm – 3:15 pm

Presented by Small Business Administration

What's a Medical Device?

2:00 pm – 5:00 pm

Speakers: Kathy Scott and Team, Ethicon

IT Professional Certifications

3:00 pm – 4:00 pm

Presented by Microsoft

THURSDAY, JUNE 28

MS in Engineering or MBA – Why Not Both?

11:00 am – 12:00 pm

Speaker: Don Rosenfield, MIT

Career/Family Balance

1:00 pm – 2:00 pm

Speaker: Percrecia Eubanks, Hallmark

Job Search Using the Internet

1:00 pm – 2:00 pm

Evaluating Job Offers

1:00 pm – 2:30 pm

Presented by Decker & Associates

Am I the Only Woman Who Works Here?

1:00 pm – 3:00 pm

Speakers: Kristin Jambor and Team, Ethicon

Computers as Tools

2:00 pm – 3:00 pm

Presented by Microsoft

Graduate Degrees in Manufacturing through the NCML

3:00 pm – 4:00 pm

Speaker: Jon Griffith, MIT

Engineer to Manager

3:00 pm – 5:00 pm

Speaker: Lynn Poretta, Hallmark

Internetworking and Internet Privacy

3:30 pm – 5:00 pm

Speaker: Nora Davis

Why a Women's Network in Your Company?

3:30 pm – 5:00 pm

Presented by DuPont

Humor in the Workplace

4:00 pm – 5:00 pm

Speaker: Beth Boaz

FRIDAY, JUNE 29

Time Management

9:00 am – 12:00 pm

Speaker: John Shell, Toastmasters

Resilience: Keys to Optimal Personal Effectiveness

9:30 am – 11:30 am

Speakers: Nancy Cherwitz and Janet Bezner, Motorola

Mid-Career Changes

10:30 am – 12:00 pm

Presented by DuPont

Travel Safety and Business

11:00 am – 12:00 pm

Speaker: Sally Helser, Procter & Gamble

Surviving a Layoff or Downsizing

1:00 pm – 3:00 pm

Speaker: Kathleen Gadd, Vantage Human Resources

Global Product Development

1:00 pm – 3:00 pm

Speaker: Brian Christian, Vice President of Global Product Development, Whirlpool

Women's Health

3:00 pm – 4:00 pm

Life-Long Learning

3:00 pm – 4:00 pm

Speaker: Susan Brauer, Motorola

Explaining Technical Things to Non-Technical People

3:00 pm – 5:00 pm

Speaker: Beth Boaz

International Protocol and Business Customs

3:00 pm – 5:00 pm

Speaker: Brenda Herold, Motorola

SATURDAY, JUNE 30

Therapeutic Touch – An Energy Medicine (Hands-On Workshop)

9:00 am – 11:30 am

Speaker: Mildred Anderson

Wireless Home Office

1:00 pm – 2:00 pm

Telecommuting & Flexible Work Schedules

1:00 pm – 2:30 pm

Speaker: Kathleen Gadd, Vantage Human Resources

Telecommuting & Flexible Work Schedules Discussion

2:30 pm – 3:30 pm

Speakers: Brenda Herold & Casilda Llewellyn, Motorola

How to Select Home Computing and Entertainment Equipment

2:00 pm – 3:00 pm

SWE BUSINESS

Committee and SWE-Specific Meetings

BUSINESS MEETINGS

TUESDAY, JUNE 26

Board of Directors Orientation *	8:00 am – 12:00 pm
Board of Trustees Meeting #1 *	8:00 am – 12:00 pm & 2:00 pm – 5:00 pm
BOD & BOT Lunch/Joint Meeting *	12:00 pm – 2:00 pm
Goal Managers	2:30 pm – 4:30 pm
New Committee Chairs Orientation	2:30 pm – 4:30 pm
Student Activities Committee (SAC)	1:00 pm – 5:00 pm
Student Region Meetings A–J	7:00 pm – 9:00 pm

WEDNESDAY, JUNE 27

Awards & Recognition Committee	9:00 am – 11:00 am
Board of Trustees Meeting #2 *	8:00 am – 5:00 pm
Career Guidance Committee	8:00 am – 10:00 am
Conference Management – Programming Board	3:30 pm – 5:30 pm
Continuing/Professional Development Committee	2:00 pm – 4:00 pm
Electronic Communications Committee Meeting	2:00 pm – 3:00 pm
Finance Committee	9:00 am – 11:00 am
Girl Scouts Task Force	4:00 pm – 5:00 pm
Membership Committee	8:00 am – 10:00 am
Multicultural Committee	8:00 am – 9:00 am
Nominating Committee	2:00 pm – 3:00 pm
Procedures Committee	3:00 pm – 4:00 pm
Publications Committee	4:00 pm – 5:00 pm
Scholarship Committee	10:30 am – 11:30 am
Student Newsletter Editors	10:00 am – 11:00 am
Student Region Representatives Meeting	2:00 pm – 3:00 pm
Women in Academia Meeting	9:00 am – 10:30 am

THURSDAY, JUNE 28

Archives Committee	10:00 am – 11:00 am
Bylaws Committee	9:30 am – 12:00 pm
Communications Task Force	3:00 pm – 4:00 pm
Family Issues Committee	10:30 am – 12:00 pm
Fellows Meeting *	9:30 am – 11:30 am
MAL Meeting	1:00 pm – 5:00 pm
Section Vitality Task Force	10:00 am – 11:00 am
Tellers Committee Meeting	4:00 pm – 5:00 pm

FRIDAY, JUNE 29

International Membership Task Force	9:30 am – 10:30 am
Region Meetings A–J	7:15 am – 9:15 am
SWE Magazine Editorial Board Meeting #1	1:00 pm – 5:00 pm

SATURDAY, JUNE 30

Goal Managers E & O	11:00 am – 12:00 pm
SWE Magazine Editorial Board Meeting #2	12:00 pm – 4:00 pm

WORKSHOPS AND OTHERS

WEDNESDAY, JUNE 27

ExxonMobil Program Grant Presentation	1:45 pm – 5:00 pm
Family Issues Workshop	2:00 pm – 4:00 pm
New Student Section Coordinators Meeting	3:00 pm – 4:00 pm
New Professional Section Formation Workshop	4:00 pm – 5:00 pm
New Student Section Vitality Workshop	4:00 pm – 5:00 pm
Pre-CSR Finance Meeting	1:45 pm – 3:30 pm
SWE Counselors and Faculty Advisors	11:00 am – 11:45 am
SWE Multicultural Concerns Workshop (2 sessions)	9:00 am – 10:30 am & 10:30 am – 11:45 am
SWE Section Development: Membership Workshop	2:00 pm – 5:00 pm

THURSDAY, JUNE 28

Family Issues Social	5:00 pm – 6:30 pm
Finance Workshop for Treasurers 2 Sessions: Sections and Student Sections	3:30 pm – 4:30 pm
Fund Development Techniques for SWE Professional Sections	11:00 am – 12:00 pm
Girl Scouts Workshop	3:00 pm – 5:00 pm
How to be a CSR Workshop	3:30 pm – 4:30 pm
Life Members Reception *	5:00 pm – 6:00 pm
Membership Survey Review	11:00 am – 12:00 am
Pre-CSR Strategic Planning Meeting	9:30 am – 11:00 am
SWE Section Vitality Forum	1:00 pm – 3:00 pm
SWE Section Development: Career Guidance Workshop	2:00 pm – 3:30 pm
SWE Section Development: Public Relations Training Workshop	1:00 pm – 3:00 pm

FRIDAY, JUNE 29

Council of Section Representatives (CSR) Meeting	10:30 am – 5:00 pm
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SATURDAY, JUNE 30

Leadership Institute *	1:00 pm – 3:00 pm
Past Presidents' Reception *	5:00 pm – 6:00 pm
SWE Section Development: Continuing Development	3:00 pm – 5:00 pm

* By Invitation Only

TECHNICAL TOURS

TECHNICAL TOURS

TUESDAY, JUNE 26

Ball Aerospace and Technologies Corporation

8:00 am – 12:00 pm Cost: \$20 Attendance Limit: 40



Visit the Boulder campus of Ball Aerospace, famous for its COSTAR instrument that "fixed" the Hubble Space Telescope by providing corrective optics. The tour will include a short presentation, the Environmental Test Facility where hardware is tested ranging in size from optical mechanisms to spacecraft, viewing a large clean room facility, the lubrication lab, and other test labs. Visit www.ball.com/bhome/hspacebu.html for more information. Must be a U.S. Citizen.

United States Air Force Academy

8:30 am – 4:30 pm Cost: \$55 Attendance Limit: 40



Experience "real world" research opportunities for the cadets. This tour will include an overview of all the facilities and visits to the Aeronautics and Astronautics Laboratories, the Chapel, and the gift store. The Aeronautics Laboratory houses nine major wind tunnels from Mach 4.3 to low speeds, three jet engine test cells, a rocket/internal combustion engine test cell, and two Genesis 2000 flight simulators. The Astronautics Laboratory houses the Small Satellite Research Center and the Hybrid Rocket Research Program. For additional information, visit www.usafa.af.mil.

Wisdom Industries and Sterling-Overland Trail Museum

8:30 am – 5:00 pm Cost: \$70 Attendance Limit: 20



This unique manufacturing facility utilizes state-of-the-art technology and specializes in portable amusement park rides. The tour will include an overview of the shop, CADD/engineering design area, fabrication area, laser cutter, plasma punch, the fiberglass shop, and quite possibly, an opportunity to try out their latest creation. Visit www.wisdomrides.com for more information.

The last stop is a visit to the Sterling-Overland Trail Museum. Built to look like an old fort, this museum focuses on the history of the Overland Trail. It includes a small village and contains fossil remains of the area and artifacts of the early Native Americans and Pioneers.

New Belgium Brewery and Xcel Energy Ponnequin Wind Farm

9:15 am – 5:00 pm Cost: \$70 Attendance Limit: 20



Enjoy this microbrewery tour to Fort Collins, learning about company history and philosophy including their environmentally conscious vision. See the brewery processes from brewhouse through fermentation, QA, and packaging. Afterwards, enjoy a complimentary tasting complete with chocolates made especially for New Belgium beers. The brewery is one of the largest wind power customers in Colorado. Go to www.newbelgium.com for more information.

At the next stop, experience the successful blending of cattle and buffalo ranching with electric power generation at Xcel Energy's Ponnequin Wind Farm at the Colorado-Wyoming border. Participants will learn about the history of Colorado's first commercial 20-megawatt wind farm in operation since 1998, including climate and environmental considerations for selecting this location, and the wind turbine generation technology at the site. For additional information, visit www.ueplaza.com/proj27.htm.

AT&T National Digital Television Center

12:00 pm – 3:30 pm Cost: \$20 Attendance Limit: 40



Visit the most technologically advanced primary origination, production, post-production, and digital compression facilities you'll ever see, all in one state-of-the-art complex. Learn about "streaming"—the digital compression of data, audio, and video for optimum delivery over the World Wide Web, and interactive services for emerging ITV. For additional information, go to www.attcenters.com.

Denver International Airport (DIA)

1:00 pm – 5:00 pm Cost: \$25 Attendance Limit: 18



At 53 square miles, Denver International Airport is the largest and newest airport in the United States. DIA blends modern technology, first-class customer service, and breathtaking architecture into one world-class airport. This tour includes general orientation, the Great Hall of the Terminal, the Operations and Maintenance Control Centers, the Automated Ground Transportation System (AGTS), a first-hand look at the Automated Baggage System, and a visit to the FAA Control Tower, the highest in North America. Portions of this tour may not be wheelchair accessible.



United States Air Force Academy



Denver International Airport

TECHNICAL TOURS

WEDNESDAY, JUNE 27

National Institute of Standards & Technology (NIST) and National Oceanic and Atmospheric Administration (NOAA)

7:30 am – 12:00 pm Cost: \$20 Attendance Limit: 40



View a video about the research at NIST. See a cryogenics demonstration (the study of extremely low temperatures and their effects on various materials). Visit the atomic clock (the timekeeping system for the U.S.). Go to www.nist.gov for more information.

Learn about NOAA's research involving atmospheric sciences including climate, weather forecasting, and space weather (physical events on the sun). NOAA collects actual climate lab samples from around the world and is the National Weather Service Office. Go to www.ngdc.noaa.gov for additional information.

Fort Collins Water Treatment Facility and Horsetooth Reservoir

8:15 am – 5:00 pm Cost: \$50 Attendance Limit: 40



Tour the 87 MGD conventional Water Treatment Facility in Fort Collins, Colorado. This facility utilizes state-of-the-art equipment to treat surface water from two sources, including Horsetooth Reservoir. The tour will emphasize the importance of unit processes designed to ensure public health protection for water treatment. Go to www.ci.fort-collins.co.us/utilities for more information.

The tour will include the history, purpose, and associated water project of Horsetooth Reservoir. View the construction underway to modernize one of the four earthen dams. Portions of this tour may not be wheelchair accessible.

Caroba Plastics, Inc. and Unicircuit, Inc.

8:30 am – 12:00 pm Cost: \$25 Attendance Limit: 20



At Caroba Plastics, see how molds are made and watch the injection molding process of products ranging from medical tools that aid in bone marrow transplants to CD cases to hard drive cartridge clips. Go to www.caroba.com for additional information. Portions of this tour may not be wheelchair accessible.

Unicircuit is a multilayer printed circuit board manufacturer specializing in Controlled and Differential Impedance, BGA, Fine Line, Blind and Buried Vias, Laser Ablated Vias, Metal Core, and others. The tour includes an explanation of their environmental resource reduction and recycling program that eliminates the creation of hazardous sludge and generates a fully recyclable metal. Visit www.unicircuit.com for additional information. Hazardous chemicals are stored on the premises.

United States Air Force Academy

8:30 am – 4:30 pm Cost: \$55 Attendance Limit: 40

(See page 13.)



New Belgium Brewery and Xcel Energy Ponnequin Wind Farm

9:15 am – 5:00 pm Cost: \$70 Attendance Limit: 20

(See page 13.)



Coors Brewing Company

12:30 pm – 4:30 pm Cost: \$25 Attendance Limit: 20



This VIP tour includes all stages of beer making, including malting, brewing, blending/finishing, and packaging. Participants will actually step out into the steeping area and get a close-up view of the germination and kilning compartments. Next is a trip onto the floor where the grain is cooked in giant copper kettles. At filtration, one can fill a glass from a sample port in the transfer line. A trip out to the packaging area to see the high speed filling operation is next, and the last stop is the hospitality lounge and gift shop. Go to www.alabev.com/coors.htm for more information.

Metro Wastewater Reclamation District (MWRD)

2:00 pm – 4:30 pm Cost: \$20 Attendance Limit: 40



MWRD is the largest wastewater treatment facility between the Mississippi River and the West Coast and has been recognized for its outstanding performance by several Federal agencies and public works associations. Learn about the three recyclable products of water clean enough to be designated as drinking water, a fertilizer product containing organic matter and micronutrients, and methane to generate electricity. Go to www.metrowastewater.com for more information.

THURSDAY, JUNE 28

Optoelectronic Computing Systems Center at University of Colorado at Boulder

12:30 pm – 4:30 pm Cost: \$20 Attendance Limit: 40

This tour will introduce the visitors to several labs that are performing research into the use of light to process information. Research includes the use of arrays of micron-size lasers that can replace the bulky wires inside computers, the use of unique optics that can extend the depth of field of microscopes by a factor of 10 or more, the use of advanced multimedia modules for enhancing engineering education, the microfabrication of electronic and optoelectronic devices, and a display system technique that optimizes the human interface to maximize the transfer of information.



Fort Collins Water Treatment Plant



Air Force Academy Aeronautics Laboratory Tour

TECHNICAL TOURS/NON-TECHNICAL TOURS & FAMILY PROGRAMS

National Ice Core Laboratory and U.S. Geological Survey Core Laboratory

12:30 pm – 4:30 pm Cost: \$20 Attendance Limit: 40



One of only four ice core facilities in the world, the lab is housed in this 53,000 cubic foot freezer. You'll need your warm jacket (no sandals) for this tour. The lab stores miles of ice cores, some up to 460,000 years old. The ice cores from as far away as Antarctica are considered a pristine record of environmental history. For additional information, visit <http://geology.cr.usgs.gov/crc/index.html>.

The tour also includes the Geologic Core Laboratory with rock cores from around the world. The rock cores give a record of climate changes in mud, sand, and other materials that have changed through time. Fossils found in the rock cores give clues to our geologic history. Permission slip (parent signature for minors under 18) is required. Go to <http://geology.cr.usgs.gov/CRCweb/home.htm> for additional information.

Coors Brewing Company

12:30 pm – 4:30 pm Cost: \$25 Attendance Limit: 20
(See page 14.)



Denver International Airport (DIA)

1:00 pm – 5:00 pm Cost: \$25 Attendance Limit: 18
(See page 13.)



Lockheed Martin

1:15 pm – 4:30 pm Cost: \$20 Attendance Limit: 40



See all elements of the propulsion final assembly process line for the Titan and Atlas Missiles, which are responsible for placing payloads in geosynchronous transfer orbit. Also, see the assembly of a Centaur 2nd-State Booster in a clean room. Learn both the historical and geographical perspectives of these missiles and boosters. Go to www.ast.lmco.com for more information on the launch vehicles. Must be a U.S. Citizen.

FRIDAY, JUNE 29

Coors Brewing Company

12:30 pm – 4:30 pm Cost: \$25 Attendance Limit: 20
(See page 14.)



National Renewable Energy Laboratory (NREL)

National Wind Technology Center

12:30 pm – 5:00 pm Cost: \$30 Attendance Limit: 20



Standing in a rocky field just north of Golden, Colorado, you can feel the raw power of the wind that can occasionally reach speeds of up to 120 miles per hour. At the nation's largest center for wind turbine research and development, the tour will include the various lab and test facilities including drive train testing, blade test stand, and the Hybrid Power Test Facility, as well as an overview of NREL's activities and the different types of wind turbine generators under test at the site. Depending on the size of the group, a trip to the top of the 600-kilowatt wind turbine via elevator and a short ladder climb may be included. Visit www.nrel.gov for additional information. Must be a U.S. Citizen.

AT&T National Digital Television Center

1:00 pm – 4:30 pm Cost: \$20 Attendance Limit: 40
(See page 13.)



Wind Farm

NON-TECHNICAL TOURS & FAMILY PROGRAMS

TUESDAY, JUNE 26

Golf Outing at Arrowhead Golf Club

6:00 am – 5:00 pm Cost: \$125 Attendance Limit: 40 Sponsored in part by Schlumberger.



This year's golf outing will be a 4-person scramble at spectacular Arrowhead Golf Club. Voted the #1 public course in the Denver area, as well as one of America's "Top 75 Public Courses" by *Golf Digest*, this Robert Trent Jones, Jr.-designed course is truly the golf experience of a lifetime. Please bring your golf clubs and spikeless shoes. Club rentals are available. For more information about the course, go to www.golfersweb.com/golfdenv/arrow.htm.

Horseback Outing

8:00 am – 12:30 pm Cost: \$110 Attendance Limit: 20



Nestled in the mountains near Idaho Springs, just about an hour away from Denver, is the rustic Van Eden Ranch. Start off with a short horsemanship lesson before venturing off on a two-hour guided trail ride in small groups. This is not a typical "nose-to-tail" trail ride. There are 25 trails on over 60 acres of ranch land near the Continental Divide. Visit www.caccl.com/vanedenranch for additional information.



Horseback Riding

NON-TECHNICAL TOURS & FAMILY PROGRAMS



Garden of the Gods

U.S. Olympics Complex & World Figure Skating Hall of Fame and Museum, and the Garden of the Gods, Colorado Springs

8:30 am – 4:30 pm Cost: \$50 Attendance Limit: 40



The 34-acre U.S. Olympics Complex is home for the U.S. Olympic Committee (USOC) and 12 national governing bodies of the Olympic/Pan American sports organizations. The complex is the USOC's premier Olympic Training Center in the U.S. The facilities include residential and dining facilities for training athletes, an aquatics center, two multi-purpose sports centers, a shooting center, a sports medicine and science center, and a velodrome. The tour includes watching demo events for any team training exercise that is in progress at the time.

The Garden of the Gods, a regional geological phenomenon, is registered as a National Natural Landmark containing unique red sandstone rock formations in 1,300 acres at the foot of Pikes Peak. Garden of the Gods is revered and named by Native Americans and is a geological and historical wonder. While viewing nature, visitors will probably see intrepid local climbers honing their skills. For additional information, go to www.gardenofgods.com.



Mountain Biking

Mountain Biking in Summit County, Colorado

8:30 am – 4:30 pm Attendance Limit: 40



Riders will have a choice of two trips from Keystone Village. Lunch is the responsibility of the tour participants. There are many restaurants and grocery stores in the Summit County area, all accessible by bike. Avid and experienced mountain cyclists will guide both trips. Rentals include a bike and helmet.

Ride Keystone Mountain

Cost: Adults \$80; Children 5–12 and Seniors 65+ \$60

During the summer, Keystone opens up its ski mountain for mountain biking. Keystone has over 100 miles of trails for all levels of cyclists. Access to the mountain is by gondola (11,600' altitude) for both the cyclists and their bikes. Biking Keystone Mountain affords beautiful views of the Continental Divide and is a lot of fun. This Keystone Mountain tour is not suitable for children under 10.

Ride the Summit County Trails

Cost: Adults \$60; Children 5–12 and Seniors 65+ \$50

Summit County has constructed a number of paved trails linking Keystone Village (9,400' altitude), the towns of Dillon, Frisco, Breckenridge, and Vail. The mountain and lake scenery are spectacular and there are frequent stops along the way for photo opportunities. Go to www.summitseasons.com for additional information and photos.

WEDNESDAY, JUNE 27



Mountain Hiking

Day Hike for Adults

7:00 am – 5:00 pm Cost: \$60 Attendance Limit: 20



Join a Colorado Mountain Club member for a hike in the mountains near Fort Collins. You will be driven to the trailhead approximately one hour from Denver, and then spend the day hiking through towering pines and open meadows, crossing rushing streams, and looking for signs of wildlife. The mountain flowers should be in bloom. Elevations may range up to 10,000 feet; only those adults in good physical condition with experience in hiking should attempt this activity. Absolutely no one with a heart condition or respiratory problems should consider this tour.

Hammond Candy Factory

9:00 am – 12:00 pm Cost: \$20 Attendance Limit: 40



Ever since the Hammond Candy Factory was founded in Denver in 1920, hand-made hard candy has been their specialty. This year, although they will make all kinds of candies, 250,000 of the 350,000 pounds of candy produced will be hard candy. This tour includes a chance to sample their candy and time to shop in their store.

Hyland Hills Water World

9:30 am – 5:00 pm Cost: Ages 4–59 \$60; Seniors \$40 Attendance Limit: 40



Grab a SWIMSUIT, TOWEL, and SUNSCREEN and join the fun at one of the nation's largest family waterparks. Activities include Voyage to the Center of the Earth, the Screamin' Mini, waterslides, river float ride, surfing area, and two wave pools. Concessions are available for lunch and snacks. Lifeguards are found at all water facilities. Lunch is the responsibility of the participants. There are numerous eateries at this water park. For additional information, visit www.hylandhills.org/waterworld.html.



LoDo Historic District

Walking Tour of Denver

9:30 am – 12:00 pm Cost: \$5 Attendance Limit: 40



Walk the Mile High City (with a guide): A Look at Denver Past and Present. Learn about the Denver Mint, Colorado State Capital, the Brown Palace, Trinity Church, Kirtredge and Masonic buildings, the 16th Street Mall, the Daniels & Fisher Clock Tower, and much more.

NON-TECHNICAL TOURS & FAMILY PROGRAMS

THURSDAY, JUNE 28

Natural Wonders (Dinosaur Ridge, I-70 Geologic Roadcut and Roxborough State Park)

8:30 am – 5:00 pm Cost: \$50 Attendance Limit: 40



A professional guide will escort you on an hour and a half tour of the Dinosaur Museum and Dinosaur Ridge to explore the sites of dinosaur bone discoveries, tracks, plant and animal fossils, and rock formations from the Jurassic and Cretaceous Periods. The tour also includes a visit to the I-70 roadcut with a brief lesson on the geology of the area. Then on to Roxborough Park, where you will immerse yourself in Colorado's rich geologic past by wandering amid the towering redrock formations at Roxborough. This park contains unparalleled scenery and many opportunities for learning about Colorado's natural heritage. We will be taking a guided one-hour hike with a Park Service Naturalist. Carts are occasionally available, but must be requested in advance. For additional information, visit www.red-rocks.com/Morrison and www.coloradoparks.org/roxborough/index.asp.

Butterfly Pavilion

9:15 am – 12:00 pm Cost: \$30 Attendance Limit: 40



Walk through a living tropical forest filled with more than 1,200 spectacular butterflies from 50 different species, and over 100 different species of tropical and sub-tropical plants that provide nectar and shelter for the butterflies living in the lush pavilion. Also, learn about the conservation of threatened habitats as you explore the world of invertebrates through their ambassadors, the butterflies. Go to www.butterflies.org for additional information.

Wings Over The Rockies – Air and Space Museum

12:30 pm – 3:30 pm Cost: \$40 Attendance Limit: 40



This air and space museum preserves artifacts pertaining to historical and technological aerospace subjects. Retired Air Force personnel conduct the tour and describe each of the 37 aircraft. Visit www.dimensional.com/~worm/main.html for additional information.

Paradise Rock Gym

1:00 pm – 5:00 pm Cost: \$35 Attendance Limit: 40



Learn to tie a double figure eight, belay another person, and climb to the top on various routes at this indoor rock climbing gym. Harness, shoes, rope, and the belay lesson are included in the fee. Loose clothing is best (shorts or loose slacks). Go to www.paradiserock.com for additional information.

Colorado Brew Pubs

5:30 pm – 8:30 pm Cost: \$20 Attendance Limit: 40



Socialize while visiting 3 of Colorado's own Brew Pubs. Sample their beers (or root beer) and do your own comparison! Participants must travel on the tour bus and are responsible for purchasing their own beverages.

FRIDAY, JUNE 29

Historic Georgetown Loop Railroad and Lebanon Silver Mine Tour

8:30 am – 4:30 pm Cost: \$70 Attendance Limit: 44



"Built by old dreamers... Restored for new ones". The historic Georgetown loop is visited by train buffs of all ages and climbs 600 feet in less than 2 miles. In order to accomplish this the track loops back over itself as it climbs from Georgetown to Silver Plume. Enjoy the views of the rushing waters of Clear Creek in a high mountain valley in excess of 8,500 feet in altitude. This tour includes a stop midway to tour the Lebanon Silver Mine guided by the Georgetown Historical Society and a gourmet lunch overlooking Clear Creek. For additional information, go to www.gtownloop.com.

Hummingbirds, Columbine, and Buffalo

8:00 am – 12:00 pm Cost: \$35 Attendance Limit: 20



Join us for an easy hike near Genesee. The trail goes down the sunny side of the mountain, crosses a stream, and returns on the shady side. On the trail you will have a chance to hear and see hummingbirds, feel the difference in pine and spruce needles, discover an evergreen whose trunk smells like vanilla, look for signs of mountain wildlife, and see columbine and other mountain wildflowers in bloom. After the hike we will continue to the Buffalo Overlook and then on to the Buffalo Bill Museum.

Denver Bike the River Tour

12:30 pm – 3:30 pm Cost: \$25 Attendance Limit: 40



The metro Denver area boasts hundreds of miles of bike trails. This easy 9-mile ride follows the Cherry Creek and South Platte bike trails in the downtown Denver area. The ride is entirely on paved bike trails with no street riding. Price includes renting standard mountain or road bike, bike helmet, lock, flat proof tires, rack, and bottle cages. The



Georgetown Loop Railroad

NON-TECHNICAL TOURS & FAMILY PROGRAMS

bike shop rents high performance bikes, kids' tandems, trailers, and baby seats. This is a great ride for everyone. Avid and experienced Denver bike trail cyclists guide this tour. For additional information, visit www.blazingsaddles.com/htm/denver/denverhm.htm.



Celestial Seasonings Tea Tour

Celestial Seasonings (Hain Celestial Group) and Leanin' Tree Museum of Western Art

12:30 pm – 5:00 pm Cost: \$35 Attendance Limit: 40



Celestial Seasonings in Boulder offers one of the top ten factory tours in the country according to *USA Today*. This is a walking tour through the production area (handicap accessible) showing the processing of herbal teas from start to finish. Visitors will also get a bus tour through Boulder. See www.celestialseasonings.com for information.

SATURDAY, JUNE 30

Anheuser Busch Brewery and Clydesdale Hamlet

8:00 am – 3:00 pm Cost: \$60 Attendance Limit: 40



Venture just north of Denver to Fort Collins where the great peaks of Rocky Mountain National Park are the backdrop for the Anheuser Busch-Fort Collins brewery and Clydesdale horse hamlet. The VIP tour will follow the brewing process including: the brewery, testing, quality assurance lab, packaging floor, hospitality room, and gift shop. Time will be allowed to visit the Clydesdales. For additional information, visit www.budweisertours.com/docs/ftcolns.htm.

Pikes Peak Cog Rail and Garden of the Gods, Colorado Springs

8:30 am – 5:00 pm Cost: \$70 Attendance Limit: 40



Experience the world's highest cog rail system that runs to the 14,110-ft summit of Pikes Peak. This nine-mile route climbs through steep pine and aspen-filled canyons to regions above timberline. Go to www.cograilway.com for additional information.

The Garden of the Gods, a regional geological phenomenon, is registered as a National Natural Landmark containing unique red sandstone rock formations in 1,300 acres at the foot of Pikes Peak. Garden of the Gods is revered and named by Native Americans and is now a geological and historical wonder. While viewing nature, visitors will probably see intrepid local climbers honing their skills. For additional information, go to www.gardenofgods.com.



Whitewater Rafting

Clear Creek Rafting for Beginners and Intermediate

8:15 am – 4:00 pm

Cost: Beginners \$70; Intermediate \$80 Attendance Limit: 40



Beginners – Enjoy the ride while paddling over eight fun-filled rapids in this high mountain valley cut by Clear Creek. This trip is the perfect introduction for younger people and inexperienced paddlers. These rapids are ranked Class II and III. Minimum age is 8. Life and splash jacket and helmet are included.

Intermediate – This half-day trip offers thrilling continuous Class III and IV rapids. Good physical condition and the ability to swim are recommended. Minimum age is 16 years. Wet suit, life jacket and helmet are included. A buffalo burger barbeque is also included.

Go to www.clearcreekrafting.com for additional information.



"Unsinkable Molly Brown" House

CULTURAL CONNECTION TROLLEY

Just because you do not have a car, you are not stuck looking at the four walls of your hotel room. The trolley has two routes that complete a circular trip each hour. You may get on and off at any of the stops. Ride all day for one low fee. Buy your ticket at the Convention Center or from any of the drivers (exact change is required for the driver.) The pass is also valid on light rail (local service) and the local bus service. Brochures are available at the Convention Center.

The Green Route takes you to the State Capitol, Denver Zoo, Denver Museum of Science & Nature, Denver Botanic Gardens, and the Molly Brown House.

The Red Route takes you to the Denver Art Museum, Denver Public Library, Cherry Creek Shopping Center, and the Colorado History Museum. The Denver Mint is located 2 blocks from the Denver Art Museum.

CHILD CARE

Child care will be available at the Convention Center on Tuesday, Wednesday, Thursday, and Friday from 7:30 am – 5:30 pm. Children from birth to 12 years are welcome. We will be providing some fun in-house activities for the kids, from locations such as the Children's Museum, the Denver Botanic Gardens, and more.

Pre-registration is necessary. Children not pre-registered will be accepted on a space-available basis only. The cost is \$4/hour for children over 3, and \$5/hour for children 3 and under. Morning and afternoon snacks are provided free of charge. Lunch is available for \$3/child and must be reserved in advance.

The pre-registration deadline is May 20, 2001.

For additional information and pre-registration materials, please visit the Conference web site.



Denver Zoo in City Park

CONFERENCE PLANNER

MONDAY, JUNE 25

Conference Highlights & Registration	7:00 pm – 9:00 pm	Registration at the Denver Marriott City Center
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TUESDAY, JUNE 26

Conference Highlights & Registration	7:00 am – 8:00 pm 9:00 am – 5:00 pm	Registration at the Colorado Convention Center Career Resources Center
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Student Conference Activities	1:00 pm – 5:00 pm 5:30 pm – 7:00 pm 7:00 pm – 9:00 pm 7:00 pm – 9:00 pm	Technical Presentation Competition & Boeing Team Tech Competition Practices Student Dinner and Ideas Exchange Student Region Meetings A-J Graduate Student Meeting
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Student Workshops	8:00 am – 10:00 am 10:00 am – 11:00 am 11:00 am – 12:00 pm 1:00 pm – 3:30 pm 2:00 pm – 3:00 pm 3:00 pm – 4:00 pm 3:00 pm – 5:00 pm 4:00 pm – 5:00 pm	Selecting a Job Offer How to Choose a Graduate Program Co-ops and Internships Discussion Wardrobe Transitions: Student to Professional Success Model – Transition from School to Career Networking Skills for Students Public Speaking Resume Writing
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Career Enhancement Series (CES)	8:00 am – 12:00 pm 8:00 am – 5:00 pm 12:30 pm – 5:30 pm 2:00 pm – 4:00 pm	Beginning Project Management Training Reinforcement-Based Leadership – Day 1 of 2 Risk Management Business Writing
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Seminars, Panels & Workshops	8:00 am – 12:00 pm 9:00 am – 12:00 pm 1:00 pm – 2:00 pm 2:00 pm – 5:00 pm	The DuPont Six Sigma Experience Projecting a Powerful and Confident Presence Stress Management Thriving with Change When Thriving Doesn't Feel Like An Option
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SWE Business	8:00 am – 12:00 pm 8:00 am – 12:00 pm 12:00 pm – 2:00 pm 1:00 pm – 5:00 pm 2:00 pm – 5:00 pm 2:30 pm – 4:30 pm 2:30 pm – 4:30 pm 7:00 pm – 9:00 pm	Board of Directors Orientation Board of Trustees Meeting #1 BOD and BOT Lunch/Joint Meeting Student Activities Committee (SAC) Meeting Board of Trustees Meeting #1 Continued Goal Managers Meeting New Committee Chairs Orientation Student Region Meetings A–J
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Technical Tours	8:00 am – 12:00 pm 8:30 am – 4:30 pm 8:30 am – 5:00 pm 9:15 am – 5:00 pm 12:00 pm – 3:30 pm 1:00 pm – 5:00 pm	Ball Aerospace and Technologies Corporation United States Air Force Academy Wisdom Industries and Sterling-Overland Trail Museum New Belgium Brewery & Xcel Energy Ponnequin Wind Farm AT&T National Digital Television Center Denver International Airport
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Non-Technical Tours & Family Programs	6:00 am – 5:00 pm 8:00 am – 12:30 pm 8:30 am – 4:30 pm 8:30 am – 4:30 pm	Golf Outing at Arrowhead Golf Club Horseback Outing Mountain Biking in Summit County, Colorado U.S. Olympics Complex & World Figure Skating Hall of Fame and Museum, and the Garden of the Gods, Colorado Springs
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CONFERENCE PLANNER

WEDNESDAY, JUNE 27

Conference Highlights & Registration	7:00 am – 7:00 pm	Registration at the Colorado Convention Center
	9:00 am – 5:00 pm	Career Resources Center
	12:00 pm – 1:30 pm	Student Opening Lunch
	1:30 pm – 8:00 pm	Explore Engineering
	5:30 pm – 8:00 pm	Exhibits Opening Reception and Exhibits and Career Fair
	8:30 pm – 10:00 pm	Ice Cream Social
Student Conference Activities	8:00 am – 11:45 am	Technical Presentation Competition
	12:00 pm – 1:30 pm	Student Opening Lunch
	1:45 pm – 5:30 pm	Boeing Team Tech Competition
	3:00 pm – 6:00 pm	SME Bowl
Student Workshops	8:00 am – 9:00 am	Resume Writing
	8:00 am – 9:00 am	Networking Skills for Students
	9:00 am – 10:30 am	Panel: What I Wish I'd Known When I Graduated from College
	9:00 am – 10:00 am	Panel: What is a PE and Why Should I Get One?
	10:30 am – 11:45 am	How to Work a Career Fair
	1:45 pm – 3:15 pm	Interview Skills
	1:45 pm – 3:15 pm	Co-ops and Internships
	3:45 pm – 5:30 pm	Beginning Smart Money Moves for Students
Career Enhancement Series (CES)	7:30 am – 11:45 am	Reinforcement-Based Leadership – Day 2 of 2
	8:00 am – 11:45 am	Techniques of Effective Presentations
	1:45 pm – 3:15 pm	Engineering Ethics
	2:00 pm – 5:30 pm	Exploring Personality Diversity with the Myers-Briggs Type Indicator
	2:00 pm – 5:00 pm	Handling Information Overload
Seminars, Panels & Workshops	8:00 am – 9:00 am	Mentoring and Today's Woman
	8:00 am – 10:00 am	Woman to Woman – Sabotage to Support
	8:00 am – 10:00 am	Recruitment and Retention
	8:00 am – 11:45 am	Cashing In on Great Ideas
	9:00 am – 10:00 am	Panel: What is a PE and Why Should I Get One?
	9:00 am – 11:45 am	Dealing with Difficult People
	10:00 am – 11:00 am	How to Survive a Technical Interview
	10:00 am – 12:00 pm	With Courage your Passion Cannot be Doused
	11:00 am – 11:45 am	Panel: Volunteerism
	1:45 pm – 2:45 pm	Integrative MS in Engineering and Business
	1:45 pm – 3:15 pm	How to Start and Run Your Own Business
	1:45 pm – 3:30 pm	Smart Money Moves
	2:00 pm – 5:00 pm	Bridging the Generations Gap
	2:00 pm – 5:00 pm	What's a Medical Device?
	3:00 pm – 4:00 pm	IT Professional Certifications
	3:30 pm – 5:00 pm	Panel: Women in Government
	4:00 pm – 5:30 pm	Panel: Entrepreneurship
SWE Business	8:00 am – 5:00 pm	Board of Trustees Meeting #2 with Lunch
	8:00 am – 10:00 am	Career Guidance Committee Meeting
	8:00 am – 10:00 am	Membership Committee Meeting
	8:00 am – 9:00 am	Multicultural Committee Meeting
	9:00 am – 11:00 am	Awards & Recognition Committee Meeting
	9:00 am – 11:00 am	Finance Committee Meeting
	9:00 am – 10:30 am	Multicultural Concerns Workshop – Session 1
	9:00 am – 10:30 am	Women in Academia Meeting
	10:00 am – 11:00 am	Student Newsletter Editors Meeting
	10:30 am – 11:30 am	Scholarship Committee Meeting
	10:30 am – 11:45 am	Multicultural Concerns Workshop – Session 2
	11:00 am – 11:45 am	SWE Counselors and Faculty Advisors Meeting

CONFERENCE PLANNER

WEDNESDAY, JUNE 27 CONT'D.

SWE Business Cont'd.	1:45 pm – 3:30 pm	Pre-CSR Finance Meeting
	1:45 pm – 5:00 pm	ExxonMobil Program Grant Presentations
	2:00 pm – 3:00 pm	Electronic Communications Committee Meeting
	2:00 pm – 4:00 pm	Continuing/Professional Development Committee
	2:00 pm – 4:00 pm	Family Issues Workshop
	2:00 pm – 3:00 pm	Student Region Representatives Meeting
	2:00 pm – 3:00 pm	Nominating Committee Meeting
	2:00 pm – 5:00 pm	SWE Section Development: Membership Workshop
	3:00 pm – 4:00 pm	New Student Section Coordinators Meeting
	3:00 pm – 4:00 pm	Procedures Committee Meeting
	3:30 pm – 5:30 pm	Conference Management Programming Board
	4:00 pm – 5:00 pm	Girl Scouts Task Force
	4:00 pm – 5:00 pm	New Professional Section Formation Workshop
	4:00 pm – 5:00 pm	New Student Section Vitality Workshop
4:00 pm – 5:00 pm	Publications Committee Meeting	

Technical Tours	7:30 am – 12:00 pm	NIST & NOAA
	8:15 am – 5:00 pm	Fort Collins Water Treatment Facility and Horsetooth Reservoir
	8:30 am – 12:00 pm	Caroba Plastics, Inc. and Unicircuit, Inc.
	8:30 am – 4:30 pm	United States Air Force Academy
	9:15 am – 5:00 pm	New Belgium Brewery and Xcel Energy Ponnequin Wind Farm
	12:30 pm – 4:30 pm	Coors Brewing Company
	2:00 pm – 4:30 pm	Metro Wastewater Reclamation District (MWRD)

Non-Technical Tours & Family Programs	7:00 am – 5:00 pm	Day Hike for Adults
	9:00 am – 12:00 pm	Hammond Candy Factory
	9:30 am – 5:00 pm	Hyland Hills Water World
	9:30 am – 12:00 pm	Walking Tour of Denver

THURSDAY, JUNE 28

Conference Highlights & Registration	7:00 am – 6:00 pm	Registration at the Colorado Convention Center
	8:00 am – 9:30 am	Keynote Breakfast
	9:00 am – 5:00 pm	Career Resources Center
	9:45 am – 3:30 pm	Exhibits and Career Fair (Lunch at 12:00 noon)
	5:30 pm – 6:30 pm	Student, Graduate Student, and Alumni Reception
	6:30 pm – 9:00 pm	Student Awards Banquet

Student Conference Activities	9:00 am – 2:30 pm	IBM Mentoring Cafe
	5:30 pm – 6:30 pm	Student, Graduate Student, and Alumni Reception
	6:30 pm – 9:00 pm	Student Awards Banquet

Career Enhancement Series (CES)	1:00 pm – 2:30 pm	Team Building for Managers
	2:00 pm – 5:00 pm	Communication Skills
	2:30 pm – 4:00 pm	Diversity: Management's Role in Implementing Change

Seminars, Panels & Workshops	11:00 am – 12:00 pm	MS in Engineering or MBA – Why Not Both?
	1:00 pm – 2:00 pm	Career/Family Balance
	1:00 pm – 2:00 pm	Job Search Using the Internet
	1:00 pm – 2:30 pm	Evaluating Job Offers
	1:00 pm – 3:00 pm	Am I the Only Woman Who Works Here?
	1:00 pm – 3:00 pm	Burnout
	1:00 pm – 4:00 pm	Managing Men and Men Who Are Older Than You
	1:00 pm – 5:00 pm	Technical Paper Presentations
	2:00 pm – 3:00 pm	Computers as Tools
	2:30 pm – 4:00 pm	Let Go, Lighten Up, & Get On With It
	3:00 pm – 4:00 pm	Graduate Degrees in Manufacturing through the NCML

CONFERENCE PLANNER

THURSDAY, JUNE 28 CONT'D.

Seminars, Panels & Workshops Cont'd.	3:00 pm – 5:00 pm	Engineer to Manager
	3:30 pm – 5:00 pm	Internetworking and Internet Privacy
	3:30 pm – 5:00 pm	Why a Women's Network in Your Company?
	4:00 pm – 5:00 pm	Humor in the Workplace
SWE Business	9:30 am – 11:00 am	Pre-CSR Strategic Planning Meeting
	9:30 am – 11:30 am	Fellows Meeting
	9:30 am – 12:00 pm	Bylaws Committee Meeting
	10:00 am – 11:00 am	Archives Committee Meeting
	10:00 am – 11:00 am	Section Vitality Task Force Meeting
	10:30 am – 12:00 pm	Family Issues Committee Meeting
	11:00 am – 12:00 pm	Fund Development Techniques for SWE Professional Sections
	11:00 am – 12:00 pm	Membership Survey Review
	1:00 pm – 3:00 pm	SWE Section Development: Public Relations Training Workshop
	1:00 pm – 3:00 pm	SWE Section Vitality Forum
	1:00 pm – 5:00 pm	MAL Meeting
	2:00 pm – 3:30 pm	SWE Section Development: Career Guidance Workshop
	3:00 pm – 4:00 pm	Communications Task Force Meeting
	3:00 pm – 5:00 pm	Girl Scouts Workshop
	3:30 pm – 4:30 pm	How to be a CSR Workshop
	3:30 pm – 4:30 pm	Finance Workshop for Treasurers
	4:00 pm – 5:00 pm	Tellers Committee Meeting
5:00 pm – 6:30 pm	Family Issues Social	
5:00 pm – 6:00 pm	Life Members Reception	
Technical Tours	12:30 pm – 4:30 pm	Optoelectronic Computing Systems Center at University of Colorado at Boulder
	12:30 pm – 4:30 pm	National Ice Core Laboratory and U.S. Geological Survey Core Laboratory
	12:30 pm – 4:30 pm	Coors Brewing Company
	1:00 pm – 5:00 pm	Denver International Airport
	1:15 pm – 4:30 pm	Lockheed Martin
Non-Technical Tours & Family Programs	8:30 am – 5:00 pm	Natural Wonders (Dinosaur Ridge, I-70 Geologic Roadcut and Roxborough State Park)
	9:15 am – 12:00 pm	Butterfly Pavilion
	12:30 pm – 3:30 pm	Wings Over The Rockies – Air & Space Museum
	1:00 pm – 5:00 pm	Paradise Rock Gym
	5:30 pm – 8:30 pm	Colorado Brew Pubs

FRIDAY, JUNE 29

Conference Highlights & Registration	7:00 am – 5:00 pm	Registration at the Colorado Convention Center
	9:00 am – 5:00 pm	Career Resources Center
	9:30 am – 4:00 pm	Open Technical Exchange (Lunch at 12:00 noon)
	6:00 pm – 10:00 pm	Networking Night
Career Enhancement Series (CES)	9:00 am – 12:00 pm	Influential Leadership
	9:00 am – 12:00 pm	Conflict in the Workplace
	9:00 am – 12:00 pm	What Every Manager Needs to Know About Employment Law
	9:30 am – 10:30 am	Intellectual Property Protection
	1:00 pm – 4:00 pm	Negotiating
	1:00 pm – 5:00 pm	Supervisor Basics
Seminars, Panels & Workshops	9:00 am – 12:00 pm	Time Management
	9:30 am – 12:00 pm	Technical Paper Presentations
	9:30 am – 11:30 am	Panel: Dual Careers
	9:30 am – 11:30 am	Resilience: Keys to Optimal Personal Effectiveness
	10:30 am – 12:00 pm	Mid-Career Changes
	11:00 am – 12:00 pm	Travel Safety and Business Etiquette for Women
	1:00 pm – 3:00 pm	Surviving a Layoff or Downsizing
	1:00 pm – 3:00 pm	Global Product Development

CONFERENCE PLANNER

FRIDAY, JUNE 29 CONT'D.

Seminars, Panels & Workshops, Cont'd.	1:00 pm – 3:00 pm	Panel: Networking
	1:00 pm – 3:00 pm	Panel: Changing Careers
	1:00 pm – 4:00 pm	Communication Differences Between Women and Men
	1:00 pm – 5:00 pm	Technical Paper Presentations
	3:00 pm – 4:00 pm	Women's Health
	3:00 pm – 4:00 pm	Life-Long Learning
	3:00 pm – 5:00 pm	Explaining Technical Things to Non-Technical People
	3:00 pm – 5:00 pm	International Protocol and Business Customs
	3:00 pm – 5:00 pm	Panel: Elder Care
3:00 pm – 5:00 pm	Panel: Women in Academia	

SWE Business	7:15 am – 9:15 am	Region Meetings A–J
	9:30 am – 10:30 am	International Membership Task Force
	10:30 am – 5:00 pm	Council of Section Representatives Meeting
	1:00 pm – 5:00 pm	SWE Magazine Editorial Board Meeting #1

Technical Tours	12:30 pm – 4:30 pm	Coors Brewing Company
	12:30 pm – 5:00 pm	National Renewable Energy Laboratory (NREL) National Wind Technology Center
	1:00 pm – 4:30 pm	AT&T National Digital Television Center

Non-Technical Tours & Family Programs	8:00 am – 12:00 pm	Hummingbirds, Columbine, and Buffalo
	8:30 am – 4:30 pm	Historic Georgetown Loop Railroad and Lebanon Silver Mine Tour
	12:30 pm – 3:30 pm	Denver Bike the River Tour
	12:30 pm – 5:00 pm	Celestial Seasonings (Hain Celestial Group) and Leanin' Tree Museum of Western Art

SATURDAY, JUNE 30

Conference Highlights & Registration	7:30 am – 1:00 pm	Registration at the Colorado Convention Center
	8:00 am – 11:00 am	Membership Breakfast
	5:30 pm – 7:00 pm	Achievement Award Reception
	7:00 pm – 10:00 pm	Awards Banquet

Career Enhancement Series (CES)	8:00 am – 12:00 pm	Mid-Level Manager Skills
	8:00 am – 5:00 pm	Advanced Project Management Training: Taking it to the Next Level

Seminars, Panels & Workshops	9:00 am – 11:30 am	Therapeutic Touch – An Energy Medicine (Hands-On Workshop)
	11:00 am – 1:00 pm	Panel: Glass Ceiling Perspectives
	1:00 pm – 3:00 pm	Panel: What to Do With Your Time When You Retire
	1:00 pm – 2:00 pm	Wireless Home Office
	1:00 pm – 3:30 pm	Telecommuting & Flexible Work Schedules and Discussion
	2:00 pm – 3:00 pm	How to Select Home Computing and Entertainment Equipment
	3:00 pm – 4:00 pm	Fellows Panel
	3:00 pm – 4:30 pm	Panel: CEO Forum
	3:00 pm – 5:00 pm	Future Visions (Living in a Wired World)

SWE Business	11:00 am – 12:00 pm	Goal Managers E & O
	12:00 pm – 4:00 pm	SWE Magazine Editorial Board Meeting #2
	1:00 pm – 3:00 pm	Leadership Institute
	3:00 pm – 5:00 pm	SWE Section Development: Continuing Development
	5:00 pm – 6:00 pm	Past Presidents' Reception

Non-Technical Tours & Family Programs	8:00 am – 3:00 pm	Anheuser Busch Brewery and Clydesdale Hamlet
	8:15 am – 4:00 pm	Clear Creek Rafting for Beginners and Intermediate
	8:30 am – 5:00 pm	Pikes Peak Cog Rail and Garden of the Gods, Colorado Springs

CITY AND VISITOR INFORMATION



Colorado State Capitol

Hotels

The Society of Women Engineers has secured room blocks at two hotels in the downtown Denver area. Both hotels are equidistant from the Colorado Convention Center. Please make all reservations directly with the hotel. Please call the Conference Management Office at (800) 892-2858 or send an email to swe_con@ameritech.net if you have any issues or concerns with either hotel.

(1) Denver Marriott City Center

1701 California Street
Denver, Colorado 80202
(303) 297-1300 Fax (303) 298-7474

The Denver Marriott City Center is located right in the heart of downtown and within walking distance of the Convention Center, restaurants, and other attractions. Some of the 2001 SWE Conference events will be held here. Each sleeping room is equipped with cable TV, phone, voicemail, and multiple data ports. The Marriott also has an attractive pool, Jacuzzi, and health spa.

Rates: Single \$130, Double \$130
Additional person \$10, and \$150
limited quadruples for students.
Limited government rooms are
available.

Reservation Cut-Off Date: June 3.

(2) Hyatt Regency Denver

1750 Welton Street
Denver, Colorado 80202-3999
(303) 295-1234 Fax (303) 293-2565

The Hyatt Regency Denver downtown is a luxury hotel offering guests the largest sleeping rooms in the city. The Hyatt is located three blocks from the Colorado Convention Center and also is very close to restaurants and other attractions. Health facilities include the Sky Court Health Club, and an outdoor tennis court and jogging track. The Hyatt offers many room amenities, including cable TV, walk-in closets, multiple data ports, and three telephones per room.

Rates: Single \$135, Double \$155,
Triple \$175, Quadruple \$195
Limited government rooms are
available.

Reservation Cut-Off Date: May 25

Air Discounts

United Airlines is the official carrier for the 2001 National Conference. As a participant, you are eligible to receive a 5% discount off of any

published United Fare, or 10% if you purchase your ticket 60 days in advance. Book your flight with United Airlines directly by calling (800) 521-4041, and refer to Meeting Plus ID Code 554SN, or book a United flight with your preferred travel agent using the above Meeting Plus ID Code.

Car Rental

The Society of Women Engineers is a member of the Alamo Rent-A-Car Program. Please mention our membership #240192, Rate Code "BY" when calling Alamo for reservations at (800) 354-2322.

Ground Transportation Options from DIA

A complete Ground Transportation Center is located on the 5th level of the terminal, near baggage claim. Information boards are located near baggage carousels. All transportation companies have their booths located on that level, and passengers catch their vans, shuttles, and taxis outside the fifth-level doors.

Shuttle Services

SuperShuttle
(303) 342-5454,
(800) *BLUE-VAN* (258-3826), or
(800) 525-3177 www.yellowtrans.com
Shuttles operate every 1/2-hour from 6 am – midnight from the hotels at \$17 each way, \$30 round-trip. Travel time is 30 minutes – 1 hour depending on hotel and number of stops. Vans will be available to pick up passengers at DIA every 15 – 20 minutes. To arrange passage, stop at the SuperShuttle counter on Level 5 at the airport, or order from a hotel doorman.

Denver Express Shuttle
(303) 342-3424
Shuttles run every half-hour to downtown hotels. Passengers can check in at the Denver Express Shuttle counter on Level 5. To return to DIA from area hotels, call for reservations. Shuttles begin at 5 am and run until 10 pm. Cost is \$15 one-way, \$27 round-trip.

Wolf Express Shuttle
(303) 333-4000
Shuttles run every half-hour to downtown. Passengers can check in at the Wolf Express Shuttle desk on Level 5. To return to DIA from area hotels, call (877) 303-WOLF for reservations. The cost is \$15 one-way, or \$25 round trip.

Taxi Service

Freedom Cab
(303) 292-8900 Up to 4 people

Metro Taxi
(303) 333-3333 Up to 5 people

Yellow Cab
(303) 777-7777 Up to 5 people

Zone Cab
(303) 444-8888 Up to 5 people

Rates average \$43-\$50 per trip.

Wheelchair Accessible Information

Denver's bus and light-rail transportation provider, RTD, provides wheelchair access on all of its SkyRide buses. SuperShuttle has the ability to handle a limited number of requests with prior notice and reservation. The following companies will pick up with prior notice at DIA and provide specialized transportation:

Wheelchair Getaways
(303) 674-1498

Mobile Access
(303) 274-9895

Parking

There is no on-site parking for events held at the Convention Center facilities. There is metered parking on all streets surrounding the Colorado Convention Center. There are also many parking lots located along the 14th Street entrances between Arapahoe and Glenarm.

City Maps

(See page 26.)

Weather

The temperature in June is generally pleasant with highs in the 80s to 90s and lows in the 50s to 60s. Be sure to wear light clothing outdoors, but bring a sweater to the Colorado Convention Center, as the rooms are usually air-conditioned.

Altitude

Due to the high altitude, you may experience some shortness of breath the first day. Some tips to eliminate any symptoms include drinking a lot of water and consuming lighter foods, especially during the first 48 hours. The sun is intense at a mile high; we recommend you use sunscreen outside.



Colorado's Ocean Journey,
Million-Gallon Aquarium

CONFERENCE AND REGISTRATION INFORMATION

Services

It is very convenient in downtown Denver to find most services, including grocery stores, drugstores, restaurants, health stores, clothing stores, and churches. This information will be available at the SWE concierge desk on site.

Volunteers Needed!

Volunteers are critical for a successful Conference. Approximately 150 volunteers are needed, at least one for each event. Volunteer positions include accompanying tours, assisting exhibitors, registration, collecting tickets, Student Conference events and much, much more!

If you are interested, please contact Kitty Wang (303) 571-7729 or kittywang@mindspring.com, or Jennifer Halstead at jenniferh8@aol.com. Thank you!

Program Information

Information printed in the 2001 National Conference Preliminary Program is subject to change. All attendees signed up for any cancelled paid events will be notified. Program changes will be announced on the web site.

Methods of Payment

(1) *Mail:* Send check payable to SWE, or credit card (American Express, Visa, MasterCard) payment to:

2001 SWE Conference
P.O. Box 4653
Oak Brook, IL 60521

(2) *Fax:* Send credit card payments to (818) 558-1279.

(3) *On-line:* Credit card payment only via www.swe.org.

Note that purchase orders are not accepted for registration fees.

Registration confirmation will be mailed, however, all badges and tickets will be picked up at the SWE Registration Desk on-site.

Exhibitor Registration

Exhibitors registering for the Option 1 registrations included with the booth package MUST use the registration form provided in the Exhibitor Service Kit. Additional exhibitors should consider registering using the Exhibitor's Option. If you have any questions regarding exhibitor registration, please call (800) 892-2858 or send an email to swe_con@ameritech.net.

Questions

Please direct all program-related questions to (800) 892-2858 (or by email to swe_con@ameritech.net). If you have questions regarding specific registration matters, including receipt of registration and fees, confirmation forms, availability of programs, or changes in tour schedule, please address them to (818) 558-1278 by phone, or swe@showtrax.com by email.

Registration Deadline

In order to take advantage of early registration fees, register as soon as possible. The early registration deadline for mail registration is POSTMARKED by Friday, April 20, 2001. Also, note that if you have not registered by June 8, bring your registration to be processed on-site. The on-line registration will close on June 8. Option 2 registration will not be available on-site. Attendance at some events may be limited. Tickets will be issued in the order that registrations are received.

Cancellation Policy

Refunds will be issued for written cancellations only (fax and email are accepted) received at the Conference Management Office no later than Friday, June 1, 2001. Telephone cancellations are not accepted. Refunds for registrations are limited to registration fees only (this includes Option 1 or Option 2 registration fees paid). Ticketed events such as tours, seminars, and special events are NON-REFUNDABLE unless SWE cancels the events. Refunds are granted to the original payee only via the method paid, and will be issued no later than 45 days following the end of the Conference.

Please address all cancellations to:

2001 SWE Conference
1963 University Drive
Lisle, IL 60532

Fax: (630) 271-8234

Email: swe_con@ameritech.net

In the event that SWE finds it necessary to cancel the 2001 National Conference, any liability shall be limited to full refund of the registration fees only.

Ticket Resale Desk

For your convenience, the SWE concierge desk will support a ticket exchange program at which

members can swap, sell, or donate tickets to each other for non-refundable events.

On-Site Registration Hours

At the Denver Marriott City Center:
Mon. June 25 7:00 pm – 9:00 pm

At the Colorado Convention Center, ground-level, Area "C":

Tues. June 26 7:00 am – 8:00 pm

Wed. June 27 7:00 am – 7:00 pm

Thur. June 28 7:00 am – 6:00 pm

Fri. June 29 7:00 am – 5:00 pm

Sat. June 30 7:30 am – 1:00 pm

Children

Children 12 and over may register to attend non-ticketed events or may purchase student tickets to attend most ticketed events. There may be some tour restrictions. Note: Children CANNOT be allowed on the exhibit floor DURING ANY PERIOD OF EXHIBITOR SETUP.

Children under 12 do not need to pay a registration fee, but must purchase tickets for any ticketed events. Some exceptions may apply for children under 5; please call (800) 892-2858 if you have any specific questions or concerns on children's fees.

Guests

Spouses and other guests of participants are invited to attend the SWE Conference. Guests may purchase tickets to ticketed events through the registration process prior to June 8, 2001. Any guest wanting to attend non-ticketed events should either purchase an Option 1 Registration or a Daily Registration for those days in attendance. Guests may register for ticketed events on-site, subject to availability.

Disabilities, Special Accommodations, and Special Meals

Any participant needing special accommodations due to a disability should check the appropriate box on the registration form, so that assistance can be provided. Any special requests should also be addressed to the SWE Conference office at (800) 892-2858, by fax to (630) 271-8234, or by email at swe_con@ameritech.net.

For a special meal requirement, please check off the box provided on the registration form and send additional information to swe_con@ameritech.net, or by fax to (630) 271-8234.



Coors Field, Home of the Colorado Rockies

DOWNTOWN DENVER MAP

HOTELS

- | | | |
|---|---|---|
| 1 Adam's Mark
1,225 Rooms | 7 Embassy Suites Hotel &
Athletic Club at Denver Place
337 Suites | 14 Ramada Inn Downtown West
167 Rooms |
| 2 The Brown Palace Hotel
230 Rooms | 8 Executive Tower Hotel
336 Rooms | 15 Ramada Limited Capitol Hill
140 Suites |
| 3 The Burnsley Hotel
82 Suites | 9 Holiday Inn Denver Downtown
400 Rooms | 16 Residence Inn Denver Downtown
156 Rooms |
| 4 Comfort Inn Downtown
229 Rooms | 10 Holtze Executive Place
245 Rooms | 17 Teatro Historic Hotel
117 Rooms |
| 5 Courtyard by Marriott
180 Rooms | 11 Hotel Monaco
189 Rooms | 18 Warwick Hotel-Denver
200 Rooms |
| * 6 Denver Marriott City Center
612 Rooms | * 12 Hyatt Regency Denver
511 Rooms | 19 The Westin Hotel Tabor Center
420 Rooms |
- * SWE Conference Hotels



POINTS OF INTEREST
SHOPPING

- | | | |
|--|--|----------------------------------|
| A U.S. Mint | E Denver Public Library | I Tabor Center Shopping |
| B Denver City & County Building | F Colorado History Museum | J Larimer Square Shopping |
| C Civic Center Park | G Colorado State Capitol Building | K Pavilions Shopping |
| D Denver Art Museum | H Visitor Information Center | L Cherry Creek Shopping |

Last Name (Family Name/Surname)

First Name MI

Name Preferred on Badge

Employer or Academic Institution (for Badge)

Mailing Address

City State Zip

Phone

Email

Engineering Field or Major (for Badge)

Check the applicable boxes below:

SWE Board Member

SWE Fellow

SWE Life Member

Willing to be a Volunteer at the Conference

Exhibitor at the Exhibits and Career Fair

Graduate Student

Require special services during the Conference (i.e. to accommodate a disability). Call (800) 892-2858 or send an email to swe_con@ameritech.net for assistance.

Require special dietary accommodations for sit-down meals. Note: Special dietary accommodations for on-site registrants cannot be guaranteed.

Vegetarian Kosher

Wheat-Free Gluten-Free

Dairy-Free Nut Allergy

Other _____

REGISTRATION OPTIONS

OPTION 1 INCLUDES:

- Student Dinner and Ideas Exchange
- Student Competitions
- Exhibits Opening Reception
- Exhibits and Career Fair **
- Ice Cream Social
- Student/Grad Student/Alumni Reception
- Open Technical Exchange **
- Panel Discussions
- Workshops
- Technical Paper Presentations
- Achievement Award Reception

OPTION 2 INCLUDES:

- All Items in Option One plus:
- Student Opening Lunch
 - Keynote Breakfast
 - Student Awards Banquet
 - Networking Night
 - Membership Breakfast
 - Awards Banquet
 - Seminar/CES of your choice ¹

Please indicate your seminar or CES choice (excluding those marked *):

** Box Lunch Provided

¹ Based on Availability

EXHIBITOR'S OPTION INCLUDES:

- (Wednesday – Friday Lunch)
- Student Opening Lunch
- Exhibits Opening Reception
- Exhibits and Career Fair **
- Ice Cream Social
- Keynote Breakfast
- Student/Grad Student/Alumni Reception
- Student Awards Banquet
- Open Technical Exchange **
- Panel Discussions
- Technical Paper Presentations
- Workshops

DAILY REGISTRATION ◆

Includes all Option 1 events for that day. Please indicate which day(s) below:

- Tues. Wed. Thurs.
 Fri. Sat.

\$100/day Attendee or Guest
\$50/day Student

CAREER FAIR ONLY ✦

Includes a badge to attend the Exhibits and Career Fair Events only on Wednesday evening or Thursday (food included). Please indicate which day(s) below:

- Wednesday evening \$20
 Thursday \$20

MEMBERSHIP RENEWAL

Attention SWE members: Haven't renewed your membership for next year? Take this opportunity to renew now with your Conference registration.

- Member \$75 Student \$15
 Retiree/Unemployed \$37.50

REGISTRATION FEES

- Member
- Student Member
- Retired/Unemployed
- Non-Member *
- Student Non-Member *

OPTION 1 FEES

Through 4/20	4/21 – 6/8	On-Site
<input type="checkbox"/> \$210	<input type="checkbox"/> \$230	<input type="checkbox"/> \$280
<input type="checkbox"/> \$130	<input type="checkbox"/> \$130	<input type="checkbox"/> \$150
<input type="checkbox"/> \$130	<input type="checkbox"/> \$150	<input type="checkbox"/> \$195
<input type="checkbox"/> \$325	<input type="checkbox"/> \$375	<input type="checkbox"/> \$400
<input type="checkbox"/> \$145	<input type="checkbox"/> \$145	<input type="checkbox"/> \$165

OPTION 2 FEES

Through 4/20	4/21 – 6/8	On-Site
<input type="checkbox"/> \$460	<input type="checkbox"/> \$500	N/A
<input type="checkbox"/> \$290	<input type="checkbox"/> \$290	N/A
<input type="checkbox"/> \$380	<input type="checkbox"/> \$420	N/A
<input type="checkbox"/> \$540	<input type="checkbox"/> \$580	N/A
<input type="checkbox"/> \$315	<input type="checkbox"/> \$315	N/A

FEES FOR OTHER OPTIONS

- Exhibitor's Option
- \$340
- Daily ◆
- \$100/day Attendee or Guest
- \$50/day Student
- Career Fair Only ✦
- \$20/day (Not available for Exhibitors)

* All non-member fees include a one-year membership in SWE. Please provide the following information.

Degree(s) Date(s) College/University(s)

For Professionals Only: _____ Years of full-time Engineering experience

SPECIAL EVENTS

Please check all events that you plan to attend and include them in your total fee. If you have signed up for Option 2, it includes a Seminar/CES of your choice, excluding those marked *. Mark the Seminar/CES of your choice, but do not include its cost in the subtotal.

CAREER ENHANCEMENT SERIES (CES)

- Beginning Project Management * \$50
- Reinforcement-Based Leadership * \$150
- Risk Management * \$95
- Business Writing \$60
- Techniques of Effective Presentations * \$110
- Engineering Ethics \$25
- Myers-Briggs Type Indicator * \$50
- Handling Information Overload * \$110
- Team Building for Managers \$25
- Communication Skills \$60
- Diversity: Management's Role in Implementing Change \$25
- Business Leadership \$60
- Conflict in the Workplace \$60
- What Every Manager Needs to Know About Employment Law \$60
- Intellectual Property Protection \$25
- Negotiating * \$100
- Supervisor Basics * \$60
- Mid-Level Manager Skills * \$60
- Advanced Project Management * \$100

Subtotal \$ _____

TECHNICAL TOURS

- Ball Aerospace & Technologies Corp. \$20
- United States Air Force Academy (Tues) \$55
- Wisdom Industries & Sterling-Overland Trail Museum \$70
- New Belgium Brewery & Xcel Energy Ponnequin Wind Farm (Tues) \$70
- AT&T NDTC (Tues) \$20
- Denver International Airport (Tues) \$25
- NIST & NOAA \$20
- Fort Collins Water Treatment Facility & Horsetooth Reservoir \$50
- Caroba Plastics, Inc. & Unicircuit, Inc. \$25
- United States Air Force Academy (Wed) \$55
- New Belgium Brewery & Xcel Energy Ponnequin Wind Farm (Wed) \$70
- Coors Brewing Company (Wed) \$25
- Metro Wastewater Reclamation District \$20
- Optoelectronic Computing Systems Center \$20
- National Ice Core \$20
- Coors Brewing Company (Thurs) \$25
- Denver International Airport (Thurs) \$25
- Lockheed Martin \$20
- Coors Brewing Company (Fri) \$25
- National Renewable Energy Lab \$30
- AT&T NDTC (Fri) \$20

Subtotal \$ _____

MEAL EVENTS

If you did not select Option 2, which already includes all of these meal events, you may individually select the meal events that you and/or a guest plans to attend, and include them in your total fee.

	Student Opening Lunch	Keynote Breakfast	Student Awards Banquet	Networking Night	Membership Breakfast	Awards Banquet
Attendee	<input type="checkbox"/> \$30	<input type="checkbox"/> \$30	<input type="checkbox"/> \$50	<input type="checkbox"/> \$55	<input type="checkbox"/> \$30	<input type="checkbox"/> \$60
Student	<input type="checkbox"/> \$20	<input type="checkbox"/> \$20	<input type="checkbox"/> \$30	<input type="checkbox"/> \$40	<input type="checkbox"/> \$20	<input type="checkbox"/> \$35
Guest	<input type="checkbox"/> \$30	<input type="checkbox"/> \$30	<input type="checkbox"/> \$50	<input type="checkbox"/> \$55	<input type="checkbox"/> \$30	<input type="checkbox"/> \$60
Guest Qty:	_____	_____	_____	_____	_____	_____

Meal Events Subtotal \$ _____

SEMINARS

- Projecting a Powerful and Confident Presence * \$115
- Stress Management \$30
- Thriving with Change \$60
- Woman to Woman – Sabotage to Support \$50
- Dealing with Difficult People \$35
- Smart Money Moves \$50
- Bridging the Generations Gap \$35
- Burnout * \$70
- Managing Men & Men Who Are Older Than You \$45
- Let Go, Lighten Up, and Get On With It \$45
- Communication Differences Between Women & Men \$35
- Future Visions \$25

Subtotal \$ _____

NON-TECHNICAL TOURS & FAMILY PROGRAMS

- Golf Outing at Arrowhead Golf Club \$125
- Horseback Outing \$110
- Olympic Complex/Garden of the Gods, Colorado Springs \$50
- Ride Keystone Mtn.: Adults \$80
- Ride Keystone Mtn.: Ages 5–12 & Seniors \$60
- Ride Summit County: Adults \$60
- Ride Summit County: Ages 5–12 & Seniors \$50
- Day Hike for Adults \$60
- Hammond Candy Factory \$20
- Hyland Hills Water World: Ages 4–59 \$60
- Hyland Hills Water World: Seniors \$40
- Walking Tour of Denver \$5
- Natural Wonders \$50
- Butterfly Pavilion \$30
- Wings Over The Rockies – Air & Space Museum \$40
- Paradise Rock Gym \$35
- Colorado Brew Pubs \$20
- Historic Georgetown Loop Railroad & Lebanon Silver Mine Tour \$70
- Hummingbirds, Columbine & Buffalo \$35
- Denver Bike the River Tour \$25
- Celestial Seasonings/Leanin' Tree Mus. \$35
- Anheuser Busch Brewery & Clydesdale Hamlet \$60
- Pikes Peak Cog Rail & Garden of the Gods, Colorado Springs \$70
- Clear Creek Rafting for Beginners \$70
- Clear Creek Rafting for Intermediate \$80

Subtotal \$ _____

FEE SUMMARY

Fill in amounts of Registration Fees, Tours, Meal Events, and Membership Renewal to arrive at total amount due.

	Subtotals
Registration (Option 1 or 2)	\$ _____
Exhibitor's Option	\$ _____
Daily Registration	\$ _____
Career Fair only	\$ _____
CES	\$ _____
Seminars	\$ _____
Technical Tours	\$ _____
Non-Technical Tours & Family Programs	\$ _____
Meal Events	\$ _____
Membership Renewal	\$ _____
Grand Total	\$ _____

METHOD OF PAYMENT

- VISA American Express
- MasterCard Check (Payable to SWE)

Check # _____

Card # _____

Expiration Date _____

Name as it Appears on the Card _____

Cardholder's Signature _____

HOW TO REGISTER

Register On-line: (Credit card payment only)
www.swe.org

Register by Mail:
2001 SWE Conference
P.O. Box 4653
Oak Brook, IL 60521

Register by Fax: (Credit card payment only)
2001 SWE Conference
(818) 558-1279

You will receive confirmation of your registration within two weeks of receipt of your registration.



SOCIETY OF WOMEN ENGINEERS

CONFERENCE SUPPORTERS: ADVERTISING, EXHIBITS & SPONSORSHIPS

\$20,000 & UP

Agilent Technologies
Dell Computer Corporation
The Dow Chemical Company
Ford Motor Company
Hughes Network Systems

Intel Corporation
Johnson & Johnson
Kimberly Clark Corporation
Lockheed Martin Corporation
Motorola

Northrop Grumman Corporation
Raytheon Company
Toyota
United Technologies Corporation
Visteon Corporation

\$15,000 TO \$19,999

ALCOA
CH2M Hill, Inc.
Chevron Corporation

DaimlerChrysler Corporation
DuPont
ExxonMobil
General Motors Corporation

IBM Corporation
Mercedes-Benz USA
Sandia National Laboratories

\$10,000 TO \$14,999

Bechtel Corporation/Bechtel Jacobs Company, LLC/Jacobs Engineering
The Boeing Company
Caterpillar, Inc.

Eastman Kodak Company
Eaton Corporation (Cutter-Hammer)
Equiva Services
Mitsubishi Motor Manufacturing
Nokia Mobile Phones

ON Semiconductor
Rockwell Collins/Rockwell Automation
Siemens USA

\$5,000 TO \$9,999

Abbott Laboratories
Black & Veatch
Central Intelligence Agency
Compaq Computer Corporation
Corning Incorporated
Delphi Automotive Systems
Fermi National Accelerator Laboratory
Hallmark Cards, Inc.
Honda of America Manufacturing, Inc.
Honda R&D Americas
Johnson Controls

Level 3 Communications
Lucent Technologies
Medtronic, Inc.
Minerals Management Services
Monsanto
NASA
NAVAIR
Nortel Networks
Northwest Airlines
Pacific Northwest National Laboratory
Price Waterhouse

Procter & Gamble
Schlumberger
Sun Microsystems
Telcordia Technologies
Tyco International (US), Inc.
United Parcel Service
United Space Alliance
Whirlpool Corporation
Whiting Petroleum Corporation/
Alliant Energy
Xcel Energy
Yazaki North American

UP TO \$4,999

Acterna (formerly TTC)
ADP Dealer Services
Air Products & Chemicals
Alcatel
AMD (Advanced Micro Devices)
American Airlines
Anheuser-Busch Companies, Inc.
Applied Materials
Arizona Dept. of Transportation
Arizona State University
Arrow Electronics, Inc.
AT&T
B/E Aerospace, Inc.
Ball Aerospace & Technologies Corporation
Baxter Healthcare Corporation
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