

## OCCN MONTHLY MEETING

**DECEMBER 9, 2000**

(2<sup>nd</sup> Saturday)

When: 9:30 a.m. to 3:00 p.m. (break for lunch)

Topic: [The Mind in Action](#)

Speaker: [Jenine McQuaid](#)

Location: **California State University, Fullerton**  
Engineering Building E --Room 321  
Free parking on Saturdays--Park in Lot E West.

### **The Mind in Action**

FORMAT: 25-90 minute interactive presentation

GROUP SIZE: 15-50; larger groups require customized adjustments

MATERIALS NEEDED: Flip chart or white board and markers.

PURPOSE: To have people recognize the extent to which they make automatic, unconscious choices that impact their lives. At Productive Learning and Leisure, we specialize in helping people make better choices so they can design easier and more enjoyable lives for themselves. To be able to make better choices, we have to become aware of the habits we have formed which may be taking us away from our desired results. It is a function of the brain to develop habits. In this presentation we use experiential exercises to personalize how this occurs in each of us. Becoming aware of these habits and finding more effective alternatives is an important step to gaining more conscious choice in our lives.

CONTENT: We do a series of quick exercises that demonstrate to people how they have turned everyday, repeated actions into habits that they execute without conscious thought. They experience how difficult it is to make even the slightest change in the way they go about executing these tasks.

Next they explore actual habits they have formed in response to certain situations and how the habits are now "reactions" that may be interfering with their ability to accomplish certain goals.

Finally, they look at "emotional" habits they've formed. Using visual stimuli we have prepared, they discover for themselves how they make choices based on an unconscious, habitual emotional reaction as opposed to choosing from having accurately assessed what might be going on. Based on this, they look for personal instances where habits or reactions are taking the place of making effective choices in their lives. Once identified, they can make new choices that will lead them to the results they desire.

2869 Riachuelo, San Clemente, CA 92673 949/498-3220 800/300-3036 Fax: 949/498-4935  
[www.productivelearning.com](http://www.productivelearning.com)  
Productive Learning & Leisure

### **Presenter Biography**

Jenine McQuaid

Presenter

Jenine McQuaid completed her BS in Electrical Engineering in 1981 and her MBA in 1992. While pursuing her career as a software engineer, she discovered her strengths were in product evangelism, promotion, project management and chose to leave the lab and redirect her career towards product management.

Jenine has known the founders of Productive Learning & Leisure for over seven years and has participated in over 15 seminars. She attributes many of the great things that have occurred in her life to the work she has done on herself through these seminars.

At Productive Learning & Leisure Jenine is a strategic alliance presenter and attends seminars on a

regular basis. She currently works at Rainbow Technologies as a Sr. Product Manager for two product lines. In her spare time, she enjoys family life with her husband and two children.

#### Education

BS Electrical Engineering, University of New Mexico, 1981

MBA, University of Phoenix, 1992

2869 Riachuelo, San Clemente, CA 92673 949/498-3220 800/300-3036 Fax: 949/498-4935

[www.productivelearning.com](http://www.productivelearning.com)

Bring business cards, brochures, and promotional materials. We encourage members and prospective members to stay

after the general meeting to discuss the OCCN Website and each member's own web page design.

Contact: **Ralph Hileman** - (909) 780-3947 - [r.hileman@iecc.org](mailto:r.hileman@iecc.org).

---



**ORANGE COUNTY CONSULTANTS NETWORK (OCCN)**  
*An Affinity Group of the IEEE*

**SEPTEMBER 2000  
MEETINGS & EVENTS CALENDAR**

**OCCN MONTHLY MEETING  
SEPTEMBER 9<sup>TH</sup>, 2000  
(2<sup>nd</sup> Saturday)**

When: 9:30 a.m. to 3:00 p.m. (break for lunch)  
Location: **California State University, Fullerton**  
Engineering Building E --Room 321  
Free parking on Saturdays--Park in Lot E West.

Bring business cards, brochures, and promotional materials. We encourage members and prospective members to stay

after the general meeting to discuss the OCCN Website and each member's own web page design.

**OCCN WEBSITE -PLANNING SESSION** (continued from August)

Our last meeting was spent on updating and revising the OCCN Website and providing links and other means to increase membership advertisements of services. Attend and bring your "constructive" comments and suggestions for improvement on the current OCCN Website at <http://www.occn.org>

Our next meeting will be held on October 14<sup>th</sup>, 2000

Contact: **Ralph Hileman** - (909) 780-3947 - [r.hileman@ieee.org](mailto:r.hileman@ieee.org).

**CONFERENCES & SPECIAL EVENTS**

***VOLUNTEERS NEEDED!!***

***WESCON 2000***

**September 19-21, 2000**

**Anaheim Convention Center, Anaheim, CA**

(800) 877-2668 - (310) 215-3976

<http://www.wescon.com>

Attendance at the Wescon exhibits is FREE, while attendance at the workshops can be for as little as \$50. There are nearly 70 workshops and classes! Each of them qualifies you for CEUs or PDHs for your continuing education, if you register for them at least 2 weeks in advance! (check out <http://www.wescon.com/conferences.lasso>).

To assure a reserved spot in the sessions, pre-registration and pre-payment are both recommended, before the September 1<sup>st</sup> cutoff date.

When you register by either direct mail, fax or online ( via <http://www.wescon.com> ) we ask that you and your contacts all use the OCCN priority number for registration. That number is 9-90003.If you use that number when you

register, OCCN will get credit from WESCON for your registration. TIP: for online registration, you only need the last five digits ( i.e., 90003).

Should you wish to register free for the exhibits by postal mail, registration forms will be available at our next OCCN general meeting at CSUF, September 9<sup>th</sup>.

When you, your clients and you colleagues attend, look for the IEEE booths and of course look for the Consultants Network booth, which we plan to share with the LA and San Diego Consultants networks.

Contact: Ron Taggart at: [r.taggart@ieee.org](mailto:r.taggart@ieee.org) or Peter Schultz at: [p.r.schultz@ieee.org](mailto:p.r.schultz@ieee.org) and volunteer to help in the OCCN-sponsored booth or take part in and volunteer for other activities held during this conference.

Networking Tip: Your colleagues and clients may also benefit. Share this message with them!

Edited from announcement written by Ron Taggart.

ORANGE COUNTY CONSULTANTS NETWORK  
SEPTEMBER 2000 CALENDAR

---

*Consultants' Corner*

From Bob Ayer, REA Performance Consultants, Inc.

**"Selling is Simple" Shirtsleeve Workshop**

Starting October 13<sup>th</sup>, 2000 - First of six meetings.

For further information, call Bob at (714) 968-4136

E-mail: [perform@reaassoc.com](mailto:perform@reaassoc.com)

Checkout the REA Performance Consultants, Inc., website at  
[Http://www.reaassoc.com](http://www.reaassoc.com).

**AUTOTESTCON 2000**

**September 18-21,2000**

**Disneyland Hotel, Anaheim, California.**

Registration and other information can be found on the  
AUTOTESTCON's website:  
<http://www.autotestcon.com>

Or, call Bob Rassa, General Chairman, Raytheon Systems  
Company at (310) 334-0764;  
e-mail: [rcrassa@west.raytheon.com](mailto:rcrassa@west.raytheon.com)

**Call for Papers** (deadline-September 15<sup>th</sup>):

**MULTIMEDIA TECHNOLOGY & APPLICATIONS CONFERENCE**

February 8 10, 2001

University of California Irvine

For further information contact Dr. John Tabor at (949) 824-2818 or e-mail [tabor@uci.edu](mailto:tabor@uci.edu)

Check <http://www.mtac.uci.edu> for further information

Any announcements or events? Please e-mail the information to Noreen Norris, OCCN Editor at  
[Noreen.norris@ieee.org](mailto:Noreen.norris@ieee.org)

Society Chapters will resume their monthly meetings.  
Please check website or calendars for date & time, location, speaker and topics.

## ORANGE COUNTY CONSULTANTS NETWORK (OCCN)

*An Affinity Group of the IEEE*

### AUGUST SEPTEMBER 2000 MEETINGS & EVENTS CALENDAR

#### OCCN MONTHLY MEETING AUGUST 12, 2000 (2<sup>nd</sup> Saturday)

When: 9:30 a.m. to 3:00 p.m. (break for lunch)  
Location: **California State University, Fullerton**  
Engineering Building E --Room 321  
Free parking on Saturdays--Park in Lot E West.

Bring business cards, brochures, and promotional materials. We encourage members and prospective members to stay

after the general meeting to discuss the OCCN Website and each member's own web page design.

#### SECURITY ISSUES (continued from July)

In July, Sharon Hope, gave a presentation on security issues and web stability/security. Many members are now ready to tackle the work involved when your Website is online and needs to be managed. Network while you review of progress on other member's web pages. Share problems and successes and get valuable comments and recommendations. Several website security issues were identified at the July meeting and will be discussed in August.

Our next meeting will be held on September 9, 2000

Contact: **Ralph Hileman** - (909) 780-3947 - [r.hileman@ieee.org](mailto:r.hileman@ieee.org).

---

## CONFERENCES & SPECIAL EVENTS

**WESCON 2000**  
**September 19-21, 2000**  
**Anaheim Convention Center, Anaheim, CA**  
(800) 877-2668 - (310) 215-3976  
<http://www.wescon.com>

For almost 50 years, Wescon has been the definitive EOEM solutions event for engineers and buyers involved in hardware and software design, R&D, test, manufacturing and board level component technology. Wescon is known for its exceptionally high quality conference sessions, in-depth technical sessions, product demonstrations and vendor exhibits to deliver answers and solutions to some of the most difficult problems.

Interested in being a part of the Exhibition? WESCON provides an ideal business venue for suppliers to present their very latest component, tools and equipment innovations, necessary for today's

EOEM professionals. Call the Electronic Conventions Incorporated (ECI) at (800) 877-2668 or (310) 215-3194 for further information.

### **AUTOTESTCON 2000**

September 18-21, 2000  
Disneyland Hotel, Anaheim, California.

Registration and other information can be found on the AUTOTESTCON's website:  
<http://www.autotestcon.com>

Or, call Bob Rassa, General Chairman, Raytheon Systems Company at (310) 334-0764;  
e-mail: [rcrassa@west.raytheon.com](mailto:rcrassa@west.raytheon.com)

---

**Call for Papers** (deadline-September 15<sup>th</sup>):

### **MULTIMEDIA TECHNOLOGY & APPLICATIONS CONFERENCE**

February 8 10, 2001

University of California Irvine

For further information contact Dr. John Tabor at (949) 824-2818 or e-mail [tabor@uci.edu](mailto:tabor@uci.edu)

Check <http://www.mtac.uci.edu> for further information

---

IEEE ORANGE COUNTY CALIFORNIA  
CHAPTERS & AFFINITY GROUP

***SUMMER 2000 CALENDAR***

**IEEE COMPUTER SOCIETY**

OC Chapter Technical Meeting

June 26, 2000 (4<sup>th</sup> Monday)

**WHAT'S NEW IN SQL SERVER 2000.**

Lynn Cafferty, Microsoft

Time: 6:00 p.m. Network/Social - 6:30 p.m. Dinner - 7:00 p.m. Presentation

Location: Wyndham Gardens Hotel, Phone 714-751-5100

3350 Avenue of the Arts, Costa Mesa, CA

Cost: Dinner - \$25.00 - Students and unemployed members \$5.00

No charge technical meeting only

Reservations Ken Faris at (949) 707-6422 or e-mail: [kenfaris@ieee.org](mailto:kenfaris@ieee.org)

***Next Meetings -- July 24<sup>th</sup> -***

***Topic and Speaker to be announced***

For more information, visit: <http://www.ieee-occs.org>

---

**ELECTROMAGNETIC COMPATIBILITY SOCIETY (EMC) Technical Meeting**

Thursday, July 13, 2000 (2<sup>nd</sup> Thursday/bi-monthly)

**Emerging EMC Standards**

Jerry Ramie, Compliance Systems Corp.

Time: 6:00 p.m. Social/Dinner - 7:00 p.m. Presentation

Location: Emulex Corporation - 3535 Harbor Blvd., Costa Mesa, CA

Cost: Dinner - IEEE members & students, \$10.00 Others, \$15.00 -

No charge to attend Program.

Reservations: Randy Flinders of Emulex Corp., 3535 Harbor Blvd., Costa Mesa, Ca.  
92626

Tel: (714).513-8012; E-mail: [randall.flinders@emulex.com](mailto:randall.flinders@emulex.com).

***No meeting in August***

\*\*\*\*\*

**IEEE INTERNATIONAL SYMPOSIUM ON ELECTROMAGNETIC COMPATIBILITY**

August 21-25 2000

Washington Hilton, Washington D.C.

For information, go to: <http://www.dcemc2000.org>

\*\*\*\*\*

---

---

## **IEEE ORANGE COUNTY CONSULTANTS NETWORK**

Monthly Network/Technical Meeting

July 8, 2000 (2<sup>nd</sup> Saturday -- Month)

9:30 a.m. to 3:00 p.m.

California State University, Fullerton

Engineering Building E --Room 321

Free parking on Saturdays--Park in Lot E West.

Networking. Exchange Leads & Needs. Announcements, Case Studies, and Special Presentations on Consultant-Related Skills.

Bring business cards, brochures, and promotional materials. We encourage members and prospective members to stay after the general meeting to discuss the OCCN Website and each member's own web page design.

For further information and updated news, check out the OCCN Website at: <http://www.occn.org>

---

---

## **POWER ENGINEERING SYSTEMS/INDUSTRIAL APPLICATIONS SOCIETY (PES/IAS) TECHNICAL MEETING**

July 20<sup>th</sup>, 2000 (3<sup>rd</sup> Thursday/month)

### **FIELDTRIP**

In lieu of our evening technical meeting, we have arranged a fieldtrip to the Edison Large Apparatus Repair and Service (LARS) Facility in Westminster, California

Meet at 4:00 p.m. at the Edison LARS Facility. Dinner (per pre-selected menu), after meeting at El Torito Restaurant

Cost: Meeting only, \$10.00. Meeting and Dinner (rsvp before July 14<sup>th</sup>) \$20.00; \$25.00 at the door.

Reservations: Liza P. Alejo P2S Engineering, 5000 East Spring St. 8th Floor, Long Beach, Ca. 90815 Tel: 562.497.2999 Fax: 562.497.2990 E-mail: [lpa@p2seng.com](mailto:lpa@p2seng.com). Make checks payable to IEEE/PES and mail to Liza P. Alejo.

*No meeting in August*

Published by the IEEE Orange County California Section Board

Please e-mail your calendar of events to: [noreen.norris@ieee.org](mailto:noreen.norris@ieee.org) in txt, rtf, Word (up to 97) format

This calendar is published at <http://www.ieee-ocsec.org>

Date: June 25, 2000



THE ORANGE COUNTY CONSULTANTS NETWORK

**INDEPENDENT**

**RALPH'S CORNER**

In lieu of our regular meeting in June, Plan on attending the OCCN section of a special event to be held at Universal City Hilton Hotel!

**June 10, 2000**  
(2<sup>nd</sup> Saturday)

**ENGINEERING CONSULTANTS**

Network while you learn and give your information and experiences at the Annual Southern California, "**The Power of the IEEE**" Conference.

**CONSULTANTS NETWORK**

A dual track program -- *Consulting as an Option* and *Practicing Consultants* will be held from 8:30 to 11:30 a.m. Lunch (included in your registration fee) is scheduled from 11:30 to 1:00 p.m. From 1:00 to 3:00 p.m. a combined session will include "Branding Consulting Products." And an expert panel on setting fees (includes a fee survey to be given to you at this workshop). A social is planned for the late afternoon.

Other IEEE Chapters will provide presentation in other technical tracks. These include: (1) Short Circuit Calculations Tutorial; (2) Distributed Generation (power); and (3) Professional Activities-PACE Employment Assistance.

For travelers, there are many entertaining venues in this San Fernando/Hollywood area. Plan your escape and enjoy Universal Studios and other attractions.

Our July meeting will begin again at our new location:

**July 8<sup>th</sup> 2000**  
**California State University, Fullerton**  
Engineering Building E --Room 321  
Free parking on Saturdays--Park in Lot E West.

**The Orange County Consultants Network and the Power Electronics/Industrial Applications Societies invite you to:**

**"THE POWER OF IEEE."**  
**Universal City Hilton Hotel**  
**JUNE 10, 2000**  
8:00 a.m. to 4:00 p.m.

Plan on joining us this June 10<sup>th</sup> for the IEEE PES/IAS all Councils and the IEEE Orange County Consultants Network conference. This event will include an all day Orange County/Los Angeles area/San Diego Consultants Network program for new and experienced consultants. This conference-workshop is set for the second Saturday of June, the same date/time the OCCN would normally meet. We urge all OCCN members and supporters to attend this special event like a normal OCCN meeting.

This conference is for the benefit of IEEE Members and is subsidized by your Local IEEE Organizations. Look for the Registration Form on the last page of this newsletter.

Your attendance and participation is encouraged, as an opportunity to "**Expand your Knowledge Base.**"

This year we offer three "Technical Tracks" and professional service in the area of employment.--

**Distributed Generation**

Contact: Mike Paik (562) 491-2732

**Short Circuit Calculations – Tutorial**

Contact: Matthew Collins (818) 238-3652

**Consultants Network**

Contact: Ralph Hileman (909) 780-3947

**Professional Activities PACE**

**Employment Assistance.**

Contact: Eremita Miranda (626) 302-8206

The Orange County Consultants Network Program includes presentations from IEEE Consultants across the nation. The Session Chair for this track is **Ralph Hileman**.

(continued on Page 2)



The Short Circuit Tutorial has **Doug Dawson** as instructor and **Matthew Collins** as Session Chair.

## PROGRAM SUMMARIES FOR PES/IAS

### SHORT-CIRCUIT CALCULATION TUTORIAL

This is an indispensable course for all electrical engineers, especially those in the Power Industry. It will cover basic Power System Protection, per unit calculations, symmetrical Components, fault Analysis, classification of relays, principle of relay operation, zones of protection. It will include a handout with typical examples of solved problems.

The instructor, **Douglas Dawson**, is one of the most respected protection engineers in the Industry. A graduate from Stanford University and from Claremont McKenna College, **Dawson** has extensive experience with the Southern California Edison (SCE) Distribution and Bulk Power System. AT SCE, he was principal protection engineer responsible for advanced studies in system protection, qualification of new protective relay systems, relay communication systems and development of standard protection practices. He has been an active member of the IEEE Power System Relaying and Surge Protective Device Committees for many years and was formerly chair of IEEE SCC23 on Dispersed Energy Storage and Generation. For information and details, contact e.miranda@ieee.org

### DISTRIBUTED GENERATION

The Distributed Generation session has **Mike Paik** as Session Chair.

Distributed generation is not new, but there is a renewed interest in this type of electrical design due to the many emerging generation technologies such as: clean burn engines, advanced turbines, photovoltaics, and fuel cells.

In this track, we present some absolutely practical, use it tomorrow discussions of existing practice for generators in the customer's power system. Additionally, we present some material that looks forward to the next few years.

Presentations currently planned include:

#### IEEE RECOMMENDED DESIGN PRACTICES FOR NON-UTILITY GENERATION SYSTEMS

**Niel Nichols**  
Kocher & Schirra

Generators have long been used in customer power systems for: legally required emergency power, optional standby power, cogeneration and self-generation. There is over a century of established design practice dealing with generator

selection, system voltage selection, electrical systems protection, and grounding.

#### IEEE STANDARD P1547: DRAFT STANDARD FOR INTERCONNECTING DISTRIBUTED RESOURCES WITH ELECTRIC POWER SYSTEMS

**Tom Basso**

National Renewable Energy Laboratory (NREL), Golden, Colorado. Secretary for IEEE SCC21 P1547 IEEE Standard Coordinating Committee 21 & Project 1547.

**Tom Basso** will discuss the fact that the existing power grids were not design with distributed generation in mind. He will also present the development and status of the IEEE P1547project.

See these sites for more

(<http://grouper.ieee.org/groups/scc21/1547/> and ../archives/).

#### ALTERNATE POWER SOURCES: CODE COMPLIANCE

Ron Takiguchi, P.E.

Ron Takiguchi is an electrical engineer with the County of Los Angeles Building & Safety Division. He is also an instructor at UCLA Extension where he conducts a course in Electrical Design and Construction, and at Los Angeles Trade Technical College instructing several courses on the National Electrical Code.

Takiguchi will discuss several different types of alternate power sources typically seen throughout the County of Los Angeles such as emergency generators, photovoltaic systems, and cogeneration facilities. The requirements for agency approval will be discussed for each of these systems as well as major code compliance issues.

#### TRANSFER SWITCHES: THE CHANGING ROLE OF TRANSFER SWITCHES IN THE EVOLVING ELECTRIC MARKET

**Stan Pukash**

Director of Strategic Business Development, Automatic Switch Company

**Stan Pukash** will provide some background information on the overall power industry from a national (USA) perspective. He will discuss the evolution of deregulation, the objective of Distributed Generation (DG), the codes and standards that apply to DG, and interconnect standards between DG customers and electric power utilities. Proceeding from this large picture viewpoint, he will review power transfer strategies for DG applications.

UNIVERSITY OF CALIFORNIA, IRVINE (UCI)
NATIONAL FUEL CELL RESEARCH CENTER
(NFCRC)

Jack Brouwer, Ph.D.
Associate Director, NFCRC

Jack Brouwer will discuss fuel cells and gas turbine hybrid full cell systems. He will describe their role in Distributed Generation (DG). Additionally, he will briefly describe the mission of the NFCRC and the education resources at UC Irvine that can support fuel cell and distributed generation efforts.

For more information please contact Conference Director, Don Laird at LAIRDDN@sce.com or phone 626-302-8616

\*\*\*\*\*

Conferences & Special Events

WESCON 2000
September 19-21, 2000
Anaheim Convention Center
Anaheim, CA
(800) 877-2668
(310) 215-3976
http://www.wescon.com

For almost 50 years, Wescon has been the definitive EOEM solutions event for engineers and buyers involved in hardware and software design, R&D, test, manufacturing and board level component technology. Wescon is known for it's exceptionally high quality conference sessions, in-depth technical sessions, product demonstrations and vendor exhibits to deliver answers and solutions to some of the most difficult problems.

Interested in being a part of the Exhibition? WESCON provides an ideal business venue for suppliers to present their very latest component, tools and equipment innovations, necessary for today's EOEM professionals. Call the Electronic Conventions Incorporated (ECI) at (800) 877-2668 or (310) 215-3194 for further information.

AUTOTESTCON 2000
September 18-21,2000
Disneyland Hotel, Anaheim, California.
Registration and other information can be found on the AUTOTESTCON's website:
http://www.autotestcon.com
Or, call Bob Rassa, General Chairman, Raytheon Systems Company at (310) 334-0764; e-mail:
rcrassa@west.raytheon.com

Plan on attending this annual edu-tech event by registering and sending it along with your fee to IEEE/PES and mail to IEEE, Box 804, 3015 Walnut Grove Avenue, Rosemead, CA 91770.

REGISTER NOW

Advanced Registration Form

Last Name First Name Middle Initial

Firm or Other Affiliation

Address, Number & Street

City State ZIP/PC

IEEE/AEE Member No.

Phone Number Fax

E-mail

Registration Categories: (Advanced Registration by 5/26/00)
IEEE/AEE Member: \$35.00
Non-Member: \$45.00
Student: \$15.00

On-Site Registration
IEEE/AEE Member: \$45.00
Non-Member: \$55.00
Student: \$20.00

Make checks payable to IEEE/PES and mail to IEEE, Box 804, 3015 Walnut Grove Avenue, Rosemead, CA 91770

Please indicate sessions you plan to attend so we can make appropriate arrangements.

Four horizontal lines for indicating sessions to attend.

**ORANGE COUNTY CONSULTANTS NETWORK  
(OCCN)**

**Our 1st meeting in a new location!**

**California State University, Fullerton**  
 Engineering Building E --Room 321  
 Free parking on Saturdays--Park in Lot E West.  
**May 13, 2000**  
**(2<sup>nd</sup> Saturday -- Month)**

**GENERAL MEETING**

Purpose: Networking. Exchange Leads & Needs.  
 Announcements, Case Studies, and Special  
 Presentations on Consultant-Related Skills.

When: 9:30 a.m. to 3:00 p.m. (break for lunch)

Bring business cards, brochures, and promotional materials. We encourage members and prospective members to stay after the general meeting to discuss the OCCN Website and each member's own web page design.

**ENGINEERING CONSULTANTS**

Network while you review of progress on other member's web pages. Share problems and successes and get valuable comments and recommendations/

Contact: **Ralph Hileman** - (909) 780-3947 - [r.hileman@ieee.org](mailto:r.hileman@ieee.org).

\* \* \* \* \*

**Business Development Work Group (BDWG)  
will not be held this month.**

Spend this May meeting re-engineering the OCCN website and designing your web page and/or links. We will be reassessing details from last month's meeting. Come and share your insights, suggestions, and experiences.

For further information and updated news, check out the OCCN Website at: <http://www.occn.org>

Conferences & Special Events

**WESCON 2000**  
**September 19-21, 2000**  
**Anaheim Convention Center**  
**Anaheim, CA**  
 (800) 877-2668  
 (310) 215-3976  
<http://www.wescon.com>

For almost 50 years, Wescon has been the definitive OEM solutions event for engineers and buyers involved in hardware and software design, R&D, test, manufacturing and board level component technology. Wescon is known for its exceptionally high quality conference sessions, in-depth technical sessions, product demonstrations and vendor exhibits to deliver answers and solutions to some of the most difficult problems.

Interested in being a part of the Exhibition? WESCON provides an ideal business venue for suppliers to present their very latest component, tools and equipment innovations, necessary for today's OEM professionals. Call the Electronic Conventions Incorporated (ECI) at (800) 877-2668 or (310) 215-3194 for further information.

**AUTOTESTCON 2000**

September 18-21, 2000  
 Disneyland Hotel, Anaheim, California.

Registration and other information can be found on the AUTOTESTCON's website:  
<http://www.autotestcon.com>

Or, call Bob Rassa, General Chairman, Raytheon Systems Company at (310) 334-0764; e-mail:  
[rcrassa@west.raytheon.com](mailto:rcrassa@west.raytheon.com)

**Orange County Consultants Network (OCCN) and the Power Electronics/Industrial Applications Societies invite you to:**

**"THE POWER OF IEEE."**  
**Universal City Hilton Hotel**  
 8:00 a.m. to 4:00 p.m.

Plan on joining us this June 10<sup>th</sup> for the IEEE PES/IAS all Councils Conference and consultant workshops. This event will include an all day Orange County/Los Angeles area/San Diego Consultants Network program for new and experienced consultants. This conference-workshop is set for the second Saturday of June, the same date/time the OCCN would normally meet. We urge all OCCN members and supporters to attend this special event like a normal OCCN meeting.

A dual track program -- *Consulting as an Option* and *Practicing Consultants* will be held from 8:30 to 11:30 a.m. Lunch (included in your registration fee) is scheduled from 11:30 to 1:00 p.m. From 1:00 to 3:00 p.m. a combined session will include "Branding Consulting Products." And an expert panel on setting fees (includes a fee survey to be given to you at this workshop). A social is planned for the late afternoon.

Other IEEE Chapters will provide presentation in other technical tracks. These include: (1) Distributed Generation (power); (2) Short Circuit Calculations Tutorial; and (3) Professional Activities-PACE Employment Assistance.

For travelers, there are many entertaining venues in this San Fernando/Hollywood area. Plan your escape and enjoy Universal Studios and other attractions.

APRIL 2000

*Orange County (California) Consultants Network*



**I N D E P E N D E N T**

## *OCCN MEETINGS*

**Location: to be announced**  
**APRIL 10, 2000 (2<sup>ND</sup> SATURDAY OF THE MONTH)**

### **GENERAL MEETING**

Purpose: Networking. Exchange Leads & Needs. Announcements, Case Studies, and Special Presentations on Consultant-Related Skills.  
When: 9:30 a.m. to 12:15 p.m.

Bring business cards, brochures, and promotional materials. We encourage members and prospective members to stay after the General Meeting and attend the afternoon Business Development Work Group.

### **ENGINEERING CONSULTANTS**

Speaker/Presentation (to be announced).

Contact: **Ralph Hileman** - (909) 780-3947 - [r.hileman@iecc.org](mailto:r.hileman@iecc.org).

\* \* \* \* \*

The afternoon meeting is another element of our lives in today's world. Worried that you don't have the right information to make the right financial choices? Join the BDWG and learn what's out there on the market to help you make better investments.

### **BUSINESS DEVELOPMENT WORK GROUP (BDWG)**

Topic: To be announced.  
Speaker: To be announced  
Time: 1:30 PM - 3:00 PM

For further information contact: Ron Oglevie, [ronoglevie@aol.com](mailto:ronoglevie@aol.com), (714).526-6642

---

### **OCCN OFFICERS**

For further information, please call any of the Officers listed below. We always welcome visitors to our meetings.

Chairperson: **Ralph Hileman, Hileman & Associates** (909) 780-3947 (Voice/Fax)-- [r.hileman@iecc.org](mailto:r.hileman@iecc.org)  
Vice-Chair: Peter Schultz, E-mail: [p.r.schultz@iecc.org](mailto:p.r.schultz@iecc.org)  
Treasurer: Randy Norris, (714) 968-4433 - [w.r.norris@iecc.org](mailto:w.r.norris@iecc.org)  
Secretary: Ron Taggart, A.R. Taggart, P.E. (949) 852-9144, 852-1107 (fax)-- [a.r.taggart@iecc.org](mailto:a.r.taggart@iecc.org)  
Editor: Noreen Norris, [noreen.norris@iecc.org](mailto:noreen.norris@iecc.org)  
Representatives-at-Large: Bob Gauger, [r.gauger@iecc.org](mailto:r.gauger@iecc.org) & Ron Oglevie, [ronoglevie@aol.com](mailto:ronoglevie@aol.com).

MARCH 2000

Orange County California Consultants Network



I N D E P E N D E N T

A special invitation to the significant others--ladies and others interested in a softer side of technology.

### MARCH MEETINGS

Location for all OCCN meetings: UCI Engineering Gateway Building (321) Room 331.

#### GENERAL MEETING

Purpose: Networking. Exchange Leads & Needs. Announcements, Case Studies, and Special Presentations on Consultant-Related Skills.

When: 9:30 a.m. to 12:15 p.m.

Bring business cards, brochures, and promotional materials. We encourage members and prospective members to stay after the General Meeting and attend the afternoon Business Development Work Group.

#### Computer-Aided Designs: Being Original, Creative Graphics, Thinking out of the Box, Motion and 3-D.

When we think of engineering and the sciences, we think of computers and more technical-mechanical processes and objects. The presentations today touch on a more personal and artistic level. Presentations will be given by two women who are using technology to create in their own fields and quite different from each other.

**Bea's Creations:** Flowers come out of the background from 3-Dimensional Quilts Color Pattern--Computer-Aided Designs for Embroidery--Personal Touches in Story Quilts - (e.g., 50th Anniversary quilt with scenes from their life together)--Wall Hangings with tiny rabbits in the corners. (Prize Winning example)--Clothing embellishment with flowers and butterflies

By: Beatrice Hileman, Bea's Creations

**Web Page Principles and Practices:** Attracting attention and interest without slowing everything down-- Maintaining a dignified professional look.--Pages to Emulate and Pages to Avoid--Family Home Pages - Ray Hileman

By: Yolonda Sanchez, Web Page Designs.

Contact: **Ralph Hileman** - (909) 780-3947 - [r.hileman@ieee.org](mailto:r.hileman@ieee.org).

\* \* \* \* \*

The afternoon meeting is another element of our lives in today's world. Worried that you don't have the right information to make the right financial choices? Join the BDWG and learn what's out there on the market to help you make better investments.

#### BUSINESS DEVELOPMENT WORK GROUP (BDWG)

Topic: **"MODERN TOOLS FOR INVESTMENT ANALYSIS:** Smarter investing using existing programs and data."

Speaker: Rob Thatcher

Time: 1:30-3:00 PM (2nd Saturday).

For further information contact: Ron Oglevie, [ronoglevie@aol.com](mailto:ronoglevie@aol.com), (714).526-6642

---

## OCCN NEWS

Elections for this year's Officers were held later this year. OCCN is delighted to announce the following officers for the new millenium.

Chairperson: **Ralph Hileman, Hileman & Associates**  
(909) 780-3947 (Voice/Fax)-- [r.hileman@ieee.org](mailto:r.hileman@ieee.org)  
Vice-Chair: Peter Schultz, E-mail: [p.r.schultz@ieee.org](mailto:p.r.schultz@ieee.org)  
Treasurer: Randy Norris, (714) 968-4433 - [w.r.norris@ieee.org](mailto:w.r.norris@ieee.org)  
Secretary: Ron Taggart, A.R. Taggart, P.E. (949) 852-9144, 8521107 (fax)-- [a.r.taggart@ieee.org](mailto:a.r.taggart@ieee.org)  
Editor: Noreen Norris, [noreen.norris@ieee.org](mailto:noreen.norris@ieee.org)  
Representatives-at-Large: Bob Gauger, [r.gauger@ieee.org](mailto:r.gauger@ieee.org) & Ron Oglevie, [ronoglevie@aol.com](mailto:ronoglevie@aol.com).

*Congratulations.*

*Let us all look forward to a year of successful endeavors & personal growth.*

---

### DIRECTIONS TO OCCN MEETINGS

See <http://www.occn.org/meetings.html> for full page downloadable/printable file containing a map with directions to the Engineering Gateway or other UCI building-rooms. For a more detailed map of the campus especially around the Engineering Gateway building and the parking lot, refer to: <http://www.ics.uci.edu/~wwwoffic/maps/icszoom.html>

E-Mail: [occn@ieee.org](mailto:occn@ieee.org)  
WEB SITE: <http://www.occn.org>  
Hosted by VERIO