



The Orange County

INDEPENDENT

Vol. 6, No. 12

Voice of the Orange County IEEE Consultants' Network (OCCN)

December 1998



We are sad to announce the passing of our friend and colleague, Ed Carl.

Mr. Carl was the founding Chair of the Orange County IEEE Consultants' Network. He was active in the IEEE OC Section, Orange County Engineering Council, and IUSD Science Alliance, and a Fellow of The Institute for The Advancement of Engineering. He attended the University of California, Berkeley, and Cal Poly, Pomona.

He is survived by his wife, Marilyn, and his three children.

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THIS MONTH'S MEETINGS:

7, 14, 21 and 28 December, 1998 (Now Meeting Every Mon.)

OCCN TOASTMASTERS WORKING GROUP

When: Dinner: 6:00 p.m.; Program: 7:00 p.m. (See article, [page 3](#).)
Where: Hof's Hut, 18850 Douglas Drive, Irvine
Contact: Bill Kwok - (626) 448-1633 - kwoklp@aol.com

19 December, 1998 (Sat.)

◆ OCCN GENERAL MEETING ◆

Purpose: Networking. Exchange Leads & Needs. Announcements. Case Studies.

When: 9:30 a.m. to 12:15 p.m.
Where: UCI Engineering Gateway Bldg. (321) - Room 3311
Notes: Bring business cards, brochures, promotional materials. Lunch delivery available.

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

OCCN CONSULTANT OPERATIONS INFORMATION WG

Topic: Review of Web Site Status and Plans for All Members' Web Pages

When: 1:30 to 3:00 p.m.
Where: UCI Engineering Gateway Bldg. (321) - Room 3311
Contact: Ralph Hileman - (909) 780-3947 - r.hileman@ieee.org

December Meetings Canceled . . .

Will Resume Regular Schedule in January '99

OCCN Y2K WORKING GROUP

Purpose: Year 2000 Problems
When: 9:30 a.m. to 12:00 noon
Where: UCI Engineering Gateway Bldg. (321) - Room 3311
Contact: Gayn Winters - (714) 532-6776

OCCN BUSINESS DEVELOPMENT WORKING GROUP (BD-WG)

When: 1:30 to 3:00 p.m.
Where: UCI Engineering Gateway Bldg. (321) - Room 3311
Contact: Ron Oglevie - (714) 526-6642 - ronoglevie@aol.com

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Need help in finding the right consultant?
Call the OCCN Helpline (714) 556-6164.
Ask for John.

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(Due to Ed Carl's Passing)

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 Hosted by Verio

DISCLAIMER

The discussion herein of any legal issues is presented as educational material only. Neither the IEEE nor the Orange County IEEE Consultants' Network (OCCN) take responsibility for any statements made in this publication regarding applicability to existing laws. All such statements are opinions of the writers and any actions taken after reading these opinions should be reviewed with your attorney or other legal advisor.

THE ORANGE COUNTY INDEPENDENT

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Ass't. Editor: Jean Taggart

The Orange County Independent is published monthly by volunteers of the Orange County IEEE Consultants Network (OCCN) for members and prospective members. The network offers activities for **all engineering consultants** in the Orange County area, regardless of IEEE membership. The meetings are free.

Printing Provided by: **Dennis Graphics Service**, Irvine (949) 552-7489

More Networking Meetings . . .

Tell them you heard about their meeting in *The Orange County Independent*.

15 December, 1998 (Tues.)

O.C. Venture Group

Topic: Holiday Breakfast - Members Only
Where: University Club, University of California, Irvine
Contact: Renee Wagner - (949) 859-3646 x105;
<http://www.ocvg.org> - OCVG1@aol.com

16 December, 1998 (Wed.)

O.C. Java User Group

Topic: IBM
When: 6:30 p.m.
Where: Boeing Space Ctr, Bld. 28, 5241 Bolsa Ave., Huntington Bch.
Info: Free membership; free meetings; <http://www.ocjug.org>
 Mike Currie - Kidma1@earthlink.net

21 December, 1998 (Mon.)

Forensic Consultants Association - O.C.

Topic: Christmas Party
Contact: Norma - (949) 640-9903;
<http://www.fornesic.org/Calendar.htm>

No December Meetings . . .

American Institute of Chemical Engineers

Contact: Munchang@ix.netcom.com

Association of Professional Consultants

Contact: C. Bayhi - (949) 367-9194

IEEE Computer Society

Info: <http://www.ieee-occs.org>

Coming in January 1999 . . .

12 January, 1999 (Tues.)

Caltech/MIT Enterprise Forum

Topic: "Funding Your Venture: An Entrepreneurs' Viewpoint"
Info: (626) 395-3916; entfor@cco.caltech.edu;
<http://www.caltech.edu/~entforum/current.htm>

Continued on page 6

EDWARD D. CARL - A Retrospective

In Memory of A Colleague No Longer With Us

For more than 30 years, Ed Carl had been a Systems Engineer specializing in technical, project and business management of computerized systems - from micros to mainframes. He spent the last 18 years as an Engineering Consultant.

Equally at home with both hardware and software, he had expertise in business, industrial, aerospace, and military systems working for such companies as Autonetics, Logicon, TRW, and Ford Aerospace.

Ed's ability to quickly grasp the "big picture" and then focus in on real problem areas made him a valuable consultant to such companies as Boeing, Honeywell, Hughes, Leach, Northrop, Rockwell, and many smaller companies.

In 1993, he co-founded the Orange County IEEE Consultants' Network (OCCN) as part of a nationwide initiative of the Institute of Electrical and Electronics Engineers (IEEE). Serving as Chair in 1997, his vision and leadership propelled the OCCN to become the largest and most active IEEE consultants' network in the country. The OCCN is open to consulting engineers and firms in ALL engineering fields. It is based on the principle that "networking, the sharing of ideas, experiences, referrals, resources, and extra workload, are all good for business".

The current members of OCCN hope to make the group itself a lasting legacy of Ed's tireless efforts. He recently started and led the Toastmasters Working Group, of OCCN, which has just begun to flourish.

Ed was 1998 Vice Chair of the OCCN, and was active in the Orange County IEEE Section, Orange County Engineering Council (OCEC), and Irvine Unified School District Science Alliance. He was also a Fellow of the Institute for the Advancement of Engineering. In addition to IEEE, he was also a member of the AIAA. Recently, he was honored with the President's Award by OCEC. He attended the University of California, Berkeley and Cal Poly, Pomona.

He died in his room November 17th of apparent heart failure. He was only 52. Ed is survived by his wife, Marilyn, and three children.

He will be sorely missed by them, and by all his friends and colleagues at OCCN and in IEEE. Undoubtedly there will not be another like Ed Carl.

[Editor's Note: Many of us who knew him and worked with him benefitted from Ed's tireless efforts in our behalf. Thanks, and so long, Ed.]

TOASTMASTERS' WORKING GROUP

We have seen a lot of improvement and progress on the meetings of Toastmasters Work Group (TMWG) over the last few months. However, the death of Ed Carl, our president, a few weeks ago has been a great loss to us because without Ed, the TMWG will not achieve as much.

Ed was instrumental in organizing and bringing the TMWG together. He had devoted a lot of energy in the last few months of his life to develop the TMWG to its present state. He provided guidance and experience in building the TMWG from just a mere concept. He promoted the TMWG to not just engineers, but also to other professions. By using his interpersonal skills, he attracted different people to join the TMWG. He laid a solid foundation for the future growth of TMWG. He envisioned the TMWG to be one of the finest groups in Orange County. He was eager to help each one who came to a meeting. He was persistent in pursuing the goals of TMWG. He provided leadership to the TMWG.

As a friend, I received numerous bits of advice and learned a lot from Ed. I remember the time he shared his experience and life with me in the early stage of forming the TMWG, when there were only a handful of people attending a meeting. He constantly encouraged me to be persistent in whatever I wanted to pursue. He inspired me to dream of wonderful things. Indeed he was my teacher. I wish that he rests in peace. Although he has left us, his character, teaching and spirit should remain within our hearts and we should continue his mission.

The TMWG is now meeting every Monday at 6:45 PM at Hof's Hut near by John Wayne Airport. Everyone is welcomed and encouraged to join. For further details please contact Bill Kwok at (626) 448-1633 (evenings) or e-mail at kwoklp@aol.com.

— Bill Kwok

OCCN Eligible Members

(Dues current as of Election)

Exercise your Voting Rights!

CANDIDATES' STATEMENTS

The following candidates' statements were received in time to be included with the publication of this issue of the Independent. Additional discussion may be available at the December 19th General Meeting. Ballots have been included in the newsletters mailed to paid-up members who have been receiving hardcopies. The remainder will be sent by e-mail to eligible voters. Ballots must be in the hands of the Teller Committee at the end of the December 19th General Meeting. Follow instructions on your ballot. Delivery can be by postal mail, by e-mail, or hand delivery.

CANDIDATE FOR CHAIR:

Ralph Hileman (Incumbent) - Many of us have been very busy this past year. Some are out of town and can't make it to meetings. Others feel they are too busy to network. (That's usually a red flag that reduces FUTURE business.) The community workplace Downsizing and Right Sizing and Re-Engineering has created some turmoil that makes wonderful opportunities for senior people who are so valuable that they are given offers out of consulting into "permanent" (if there is such a thing) positions that are hard to refuse. So our membership is much lower now. We will greatly miss Ed Carl's enthusiasm and encouragement for new people. We need each of you to take a leaf from Ed's book and bring one friend with you to the monthly networking meetings.

Most of you have an e-mail address now. This was a struggle during the year. Now we will want to stress the creation and/or updating of your web page on the OCCN web site. Our members-only section has just been revised with site security, so we need to focus on getting everybody updated and expanded on the advertising part of the web site to get maximum advantage of this tool for exposure of our talents.

You are encouraged to stay after the regular meeting (or tell one of the officers if you can't stay) on the third Saturday and tell the board what you feel your priorities are and what new ideas you have for success of the group.

Remember, most people get out of a group what they put in, so join the networking sessions, the special interest groups (Y2K, Business Development, and the updated Web Page Assistance group that will re-start next year).

Thanks for contributing to the energy of this network and thanks for your vote.

CANDIDATES FOR VICE CHAIR:

Gordon Dingle - No statement submitted.

Wes Masenten - I am the President/Owner of my own consulting company, Masenten and Associates. If elected as Vice-Chair of the Orange County IEEE Consulting Network, I will continue to advocate the growth of consulting opportunities within the engineering community.

CANDIDATE FOR TREASURER:

Dave Hench - I believe in giving something back to the profession by working in professional organizations. Over the years I have served in numerous offices including Chair of the Orange County Computer Society, the Los Angeles Council, the Orange County Section, and the Orange County Signal Processing Society. I was a founding member of OCCN and have promised to eventually serve as an officer when the press of other commitments would allow. I am now willing to serve if you want me.

CANDIDATES FOR SECRETARY:

Jerry Raskin - I can read and write. I will do my best if you elect me as Secretary.

Ron Taggart - I have been OCCN Secretary (1997) and then Newsletter Editor (1998). I bring that and other professional level and volunteer group experience to the office. Been there. Done That. Will do it even better this time!

CANDIDATE FOR EDITOR:

Noreen Norris - My involvement in the Orange County IEEE first began with the OCCN and I served as Associate Editor of the newsletter 1997. It is with some hesitation that I seek the nomination and election to this position, as I know the time crunches and tensions that go with this position; but it is also important to ensure that all our members are informed of OCCN activities and issues.

As Editor (and after reviewing what has happened the previous year), I would like begin:

- Make recommendations to the Board on the newsletter (online and hardcopy).
- Set up a project schedule: to plan the main topic for each issue for the year, due dates
- Form an ad hoc editorial board to create written procedures for submissions, and share in the operations and content decisions.

I understand that there is more work (HTML, PDF-Adobe, as well as printing hardcopy) but I look forward to these new challenges. I would also like to form an editorial board and will be looking for volunteers.

My qualifications are that I have done editing for a number of years in the University of California system. This coupled with my BA in English and Urban Studies and a Masters in Public Administration (MPA) have given me the writing and organizing skills necessary to deal with the administrative and management aspects of this position. But, my job experiences coupled with learned skills (including desktop publishing and project management) give me more depth in the operations aspects - online editing, etc. If elected, I will do my best to have a quality publication with added content for Consultants and Support Services in the IEEE-OCCN.

CANDIDATES FOR REPRESENTATIVE-AT-LARGE:

Ben De - I have been active in telecommunications consulting for 10 years with my company Kalimata, Inc. I have also been active with other local IEEE organizations. I will be pleased to serve you, should you elect me.

John Fageol - Rarely get to meetings, as Saturday is always a work day. 28 years in aerospace, largely data engineering. Believe in OCCN and am able to work behind the scenes to make the organization work better in response to the needs of the members.

Michael Morehouse (Incumbent) - Well, it's time for the OCCN membership to vote for their OCCN Board representatives for 1999. As a "Member At Large" on the present Board, one has to look at our accomplishments for the past year. If the membership feels that the Board Membership performed as we declared last November, then I am ready to perform as needed activities as described in the IEEE OCCN's Charter.

In view of the encountered problems surrounding the Board and its activities, one needs to re-evaluate our achievements and goals.

Randy Norris - If elected Representative-At-Large, I will do my best to represent OCCN at large.

Harry Staubs (Incumbent) - As a candidate for an OCCN Representative-at-Large position, I welcome your vote for me!

As the duties of this position are not predefined, I will help the Network to achieve its goals and objectives wherever help is needed. A few areas where I believe help is needed are:

- Promotion to grow our membership. Promotion to help us get new clients. We need a Promotion Plan.
- We need a Consultants' Workshop.
- We could reactivate the Entrepreneurs Network meetings.
- We need a Consultants' Client Newsletter.
- Our Brochure could be improved.

I will try to help do these things, if I am elected.

More regarding Promotion: This was a great objective of Ed Carl's. He helped make us the largest network in the country, but we are shrinking. Help is needed in this area from each of our members as well. In the past year, I have passed out many newsletters, name cards and brochures. I could have done more! I will strive to do more. We need to make the Network and its capabilities better known throughout the Engineering and Business Community.

I am actively involved in the Engineering Community and promote OCCN whenever possible. I am active with the Orange County Engineering Council (OCEC), the Institute for the Advancement of Engineering (IAE), the Los Angeles Council of Engineers & Scientists (LACES), the IEEE Los Angeles Consultants' Network (LACN) and the American Institute of Aeronautics and Astronautics (AIAA). In the AIAA Orange County Section, I manage the Space Shuttle Get-Away-Special (GAS) Project and I Co-Chair the AIAA California Synergistic Acquisition Technology-Transfer (CALSAT) Project

Thanks for your Vote!

*OCCN WISHES YOU AND YOURS
HAPPY HOLIDAYS*

EDITOR'S COMMENTS

This past year the editorial staff (the Taggarts) has managed to realize several of our original objectives. We've held the professional appearance of the Independent, which is necessary to properly represent us all. Nothing less will do.

We have expanded the number of organizations represented in our meeting calendars, with the excellent cooperation we got from each of those groups. We also have expanded the schedules, where possible, into the coming months.

We have converted the bulk of our newsletter delivery over to modern electronic means by sending the Independent as a PDF attachment to e-mail. This has reduced OCCN expenses without decreasing the scope of our outreach. In fact, the same delivery process can be expanded many times over at no additional expense. We wish we had done this at the beginning of the year!

To achieve these, we needed and received the cooperation of the OCCN Board and almost all of you. For that, we thank you. There still are a surprising number of you getting the Independent who do not have professional quality e-mail. Seems to me that is like trying to be in business without a telephone!

What didn't we accomplish? We had hoped we'd be able to feature a lot of interesting articles about and by our members. Can you believe that nobody was interested in free promotions?

Jean and I would like to thank all those who cooperated with us this past year. Please be as considerate of the new editorial staff for the coming year.

Try as we did, we couldn't get the time and expenses spent down to zero. Must be a law of nature! ;-)

— Ron Taggart, Editor

More Networking Meetings . . .

Continued from page 2

Coming in January 1999 . . .

13 January, 1999 (Wed.)

INCOSE-LA Sponsored Tutorial

Topic: "Systems Engineering Capability Model"
Speakers: Kerinia Cusick & Ilene Minnich, SECAT, LLC.
When: 8:00 a.m. - 5:00 p.m.
Where: Manhattan Beach Marriott Hotel, 1400 Parkview Ave., Manhattan Beach
Cost: Members: \$95; Nonmembers: \$115 - by Jan 7th
 Add \$20 to each category after Jan. 7th.
Contact: James van Gaasbeek - (562) 948-7482 or
 e-mail: vangaja@mail.northgrum.com

26-28 January, 1999 (Tues.-Thurs.)

Pacific Design Engineering Exposition

When: All Day
Where: Anaheim Convention Center, Anaheim
 Co-located with Medical Design & Mfg., West
Cost: Free before Dec 11, 1998; \$45 thereafter
 (Seminars extra)
Contact: Info: <http://www.devicelink.com/cgi/promote?code=pac99>
 Regis. Form: <http://www.devicelink.com/cgi/promote?code=pac99reg>

29 January, 1999 (Fri.)

So. Calif. Software Process Improvement Network (SPIN)

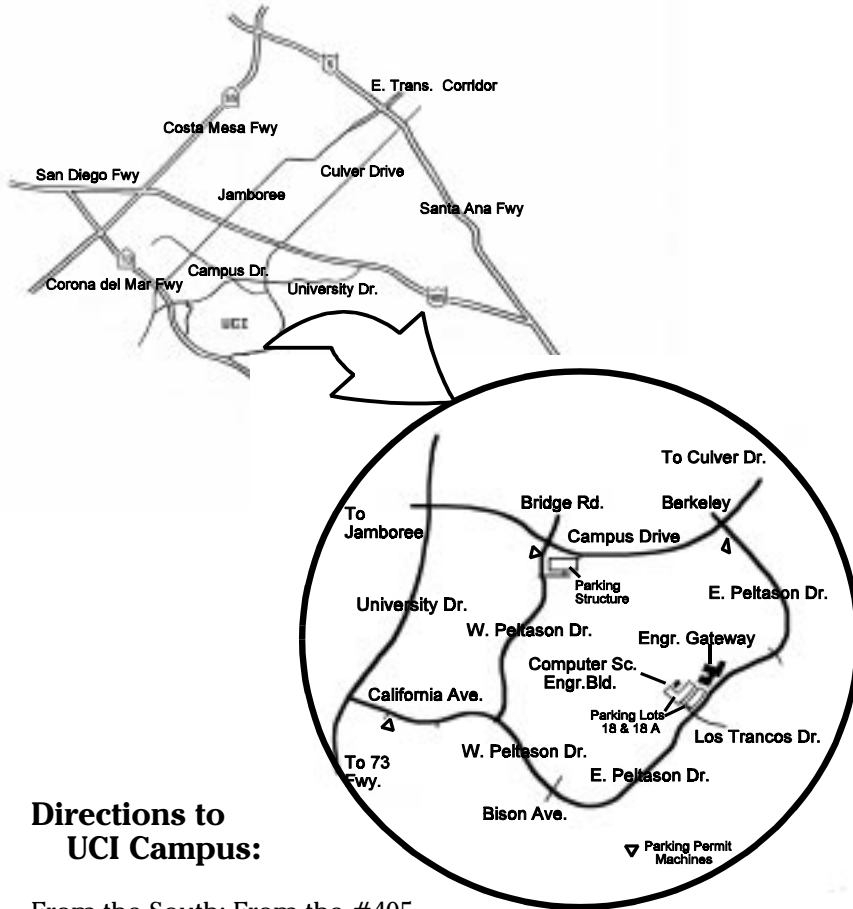
Topic: TBA
When: 9:00 a.m. to 12:00 noon
Where: Univ. of Calif., Irvine. Check for details.
Notes: Cost: \$15 plus \$4 parking for non-IRUS sponsors
Contact: Debra Brodbeck - brodbeck@ics.uci.edu; (949) 824-2260
<http://www.ics.uci.edu/IRUS/spin/flyers/99/jan99.html>

See: <http://www.occn.org/meetings.html> for a full page downloadable/printable file containing a map. For a more detailed map of the complex around the Engineering Gateway building and the parking lots, refer to <http://www.ics.uci.edu/~wwwoffic/maps/icszoom.html>.

HOW TO JOIN THE OCCN

To become a member of OCCN for one full year, come to any meeting or contact any officer (see listing above). You will need to submit a check, payable to OCCN, for \$95 with your completed application for full "Consulting" membership. This entitles you to participate in OCCN promotional activities, such as name and specialty directory listing on our home page, in our brochures, etc., with a vote on specific promotional activities. You must have the following to qualify: a private practice consultancy with a formal business name, licenses, business-like phone and active e-mail address. If you don't qualify at that level, you can become an "Associate" member for \$45. You will not be listed in OCCN promotional materials but will be listed in our membership at the associate level, and will be able to participate in all other activities.

JOIN NOW AND GROW WITH OCCN!



Directions to UCI Campus:

From the South: From the #405 freeway, turn left on Culver Dr., then right on Campus Dr. Turn left on East Peltason (formerly Berkeley) and locate the parking permit machine on the immediate right. (All day parking costs \$3.00.*) Continue along East Peltason just past the Engineering Gateway Bldg. Turn right on Los Trancos (also the turn-off to the Faculty Center) into parking lots 18 and 18A. Park in non-reserved slots nearest meeting building. See map above.

From the North & East: From the #405 or #55 freeways, transition to the new southbound #73 freeway (will exit before the toll zone). Turn off at University and go left 1/4 mile toward UCI. Turn right at California Ave. and locate the parking permit machine on the right. (All day parking costs \$3.00.*) Continue past the Bison intersection and turn left on Los Trancos (1st stop past the Bison signal) into parking lots 18 and 18A. If you pass the Engineering Gateway Bldg., you have gone too far. Locate the meeting room per the directions in the paragraph below and then park in non-reserved slots nearest meeting building. See map above.

The General Meetings and Consultant Operations Information WG meetings (3rd Sat.) and Y2K WG and Business Development WG (4th Sat.) meetings are held in the Engineering Gateway Bldg. (321). Enter stairwell from parking lot and go up one flight to Room 3311. See map above.

* If you do not have exact change for parking, proceed to the parking structure just off Campus Dr. at West Peltason Dr. and Pereira Dr. to purchase permit from attendant. A detailed campus map is available.

FOR FURTHER INFO:

To **join the Institute for Electrical and Electronics Engineers (IEEE)** or request information on their many benefits, call: (800) 678-IEEE (4333) or

visit: "ftp://ftp.ieee.org"
"http://www.ieee.org"

For info on obtaining an IEEE "alias" e-mail addresses (IEEE members only), send a dummy message to:

"Alias-processor@ieee.org"

-or-

visit <http://www.ieee.org/eleccomm/>

To **refer a consulting opportunity**, call one or more of the following Hotlines:

OC: occn@ieee.org or
John McCrickard - (714) 556-6164
Jmccrickard@mindspring.com
Los Angeles: (213) 243-8583
National: (202) 785-0017
w.anderson@ieee.org

To contact other IEEE Organizations:

Alliance of IEEE Consultants Networks (AICN)

<http://www.ieee.org/consultants/>

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r.gauger@ieee.org

Bill Anderson (Staff) - (202) 785-0017

w.anderson@ieee.org

IEEE Network for Entrepreneurs

Nick Smith - (714) 978-3719

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p.perra@ieee.org

David Cheng (PACE) - (714) 773-3734

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<http://www.laacn.org>

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O.C. Engineering Council

Vacant

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