



CHART

August 2004

INSIDE THIS ISSUE...

- 2 - *President's Message*
- 3 - *DVP: Certification programs*
- 4 - *Program Notes*
- 5 - *C.A.P. Certification*
- 6 - *ISA EXPO2004 Houston*
- 7 - *Water & Power Projects*
- 8 - *Local Section Meetings*
- 9 - *Regional Events*
Dr. Beckman Honored
PE Exam Review Course
- 10 - *Monitoring CPU Temperature*
- 11 - *Industry News*
- 12 - *Word of Mouth Referrals*
- 13 - *Job Shop*
Software Safety Documentation
- 16 - *C.A.P. Exam Deadline*

ISA Los Angeles Section challenges

any and all members of the Orange County Section and their guests to a burrito eating contest and some serious volleyball! Come join your pals up the road for a *Networking Beach Party*, Saturday, August 21st. Details on page 8...

Upcoming meetings

- Sept. Process Analytical Instrumentation Panel
- Oct. Miller Brewing Tour
- Nov. OPC, XML & Web Services
- Dec. Christmas Party at the Queen Mary

Success is not a destination that you ever reach. Success is the quality of your journey.

— Jennifer James



Testing the limits of wireless transmitters

This month's program will feature an actual demo of the Honeywell Wireless offering, including a base station connected to a PC, an absolute pressure transmitter, a temperature transmitter, and an acoustic transmitter (all wireless). The discussion will not only be about what the transmitters can do, but (maybe more importantly) what we should not do with this technology (yet).

John Lusby has been involved in the Instrument Field since graduating from College as an Instrument Engineer, Project Engineer, and Sales Engineer. He has worked for Honeywell for 18 years in varying positions of Sales, Marketing, International Sales, and Domestic Sales (again). He is currently a Product Support Specialist, supporting technical applications and sales of Field Instruments (wired and wireless) in the Western United States including Arizona, Nevada, California, Oregon, Washington, Alaska, and Hawaii.

Prior to working for Honeywell, John worked for Fluor, Parsons, and CF Braun and still keeps in touch with former colleagues there. The picture might jar some memories. John Lusby can be reached at (602)313-3416 or john.lusby@honeywell.com..... *continued on page 2*

FOUNDATION Fieldbus presentation draws full house

Wayne Lukehart's extensive presentation comparing the various bus technologies was one of the best-attended meetings of the year. On behalf of the Section, we would like to thank Wayne for spending time with us.

In case you missed it, please contact Wayne at Wayne_Lukehart@caltrol.com.



Photos courtesy John Querido



Section past president recognized

At a ceremony last month, Section President Sarah Sheldon presented Past President John Gong with a token of the section's appreciation for all the hard work he has done over the past year as President. Also, Division Vice President Raj Adani presented John with a Certificate of Appreciation. Thanks, John!!

**Orange County Section
Officers 2004-2005**

<http://www.isa.org/~oranc/>

President — Sarah Sheldon
Fluor Daniel, (949) 349-8750
sarah.sheldon@fluor.com

President Elect — John Querido
Jontec Systems, (949) 581-5972
jontec@msn.com

Secretary — Joe Bonelli
Festo Corporation, (949) 283-4322
joseph_bonelli@festco.com

Treasurer — Tim Ton
Control Enginnering, (714) 535-5590
timton32@yahoo.com

Past President — John Gong
ICP DAS USA, Inc., (310) 517-9888
johng@icpdas-usa.com

Delegate — Christine Dorgan
Disneyland Resort, (714) 781-1699
christine.dorgan@disney.com

Delegate, Alternate — Bob Harrison
Conex Systems, (714) 968-1369
robert_W_harrison@member.isa.org

Arrangements Chair — Open

Education Chair — John Gong
ICP DAS USA, Inc., (310) 517-9888
johng@icpdas-usa.com

Exhibits Chair

Historian — John Querido
Jontec Systems, 949 581-5972
jontec@msn.com

Honors & Awards Chair — John Gong
ICP DAS USA, Inc., (310) 517-9888
johng@icpdas-usa.com

Membership, Chair — Bis Mitra
Fluor Daniel
eaglebis@earthlink.net

Membership Co-chair — Don Zee
Don Zee Associates, (949) 499-0917
Don@DonZeeAssociates.com

Program Chair — Carl Hoffman
Hybrid Solutions, Inc. (909) 757-5367
carlh@hybridsolutions.com

Publicity Chair — John Prince
Analyzer Products, (714) 968-5501
jprince@CalCEMS.com

Student Section Liason — Bob Harrison
Conex Systems, (714) 968-1369
robert_W_harrison@member.isa.org

Webmaster — Bob Harrison
Conex Systems, (714) 968-1369
robert_W_harrison@member.isa.org

District 11 Vice President — Raj Adani
Caltrol — (626) 852-3507
raj.adani@member.isa.org

ISA Staff Contact — Dalton Wilson
ISA, (919) 990-9280
dwilson@isa.org

Newsletter & Directory Editor — John Prince
Analyzer Products, (714) 968-5501
jprince@CalCEMS.com

President's message

By Sarah Sheldon, President, ISA Orange Co Section



The Orange County Section Planning Meeting was held on Saturday June 19th at Festo Corp. The meeting was held from 8:00am until 12:30. As I promised here is a brief description of what we discussed. The budget

for the Treasurer's report was established for the fiscal year 2004-2005. Please see report below.

We welcome new Board members **Carl Hoffman** and **Joe Bonelli** to the team. Joe will serve as the Section Secretary. Carl's function will be the Program Chair. Carl brought to the table a lot of exciting new ideas for potential programs and tours. Such as Advances in Analytical Instrumentation, Safety Instrumented Systems, Flow Measurement Methodologies, Integration of Plant-wide Machines, Motion Control Pros & Cons, Real-time Ethernet Communications, and OPC XML and Web Services. Proposed tours included SAB-Miller Brewery and MWD Wadsworth Pumping Station.

Please let us know which programs appeal to you. In addition if you have any contacts for the above topics or know anyone who you feel would make a great speaker at one of our meetings please let us know. I can be reached by

Limits of wireless

Continued from page 1

Topic: *Testing the Limits of Wireless Transmitters*

Date: Wednesday, August 11

Time: Social 5:00; Program 6:00

Place: Festo Corp, 1692 Deere Ave. at Aston, Irvine

RSVP: Please contact Joe Bonelli at joseph_bonelli@festco.com or (949) 283-4322. Refreshments will be served courtesy of the Orange Co Section.

The monthly **ISA Section Newsletters** and annual **Regional Membership Directory and Buyers' Guide** are mailed to all ISA section members in Southern California and Southern Nevada and to ISA student affiliates at Cal Poly Pomona, Cal State Fullerton and Long Beach State. Newsletters include the South San Joaquin Valley Alarm, Los Angeles Annunciator, Orange County Chart, San Diego Signal and Las Vegas Experience. **Changes of address** can only be processed by ISA by at (919) 549-8411 or www.isa.org. For **editorial submissions and feedback**, please contact the newsletter editor. **Advertising rates, circulation information and style guide** is posted at www.TechPubs.net. **Billing** and publishing correspondence may be addressed to TechPubs Communications, PO Box 1605, Costa Mesa, California 92628. Submissions are copyright by the authors with all rights reserved.
(C) 2004 TechPubs Communications

E-mail at sarah.sheldon@fluor.com or (949) 349-8750.

We are fortunate to have several board members return in new roles. **John Querido** who served as DVP will return as President-Elect. **Tim Ton** who served as the Educational Chair will return as section Treasurer. Past President **John Gong** will return as the Honors and Awards Chair as well as the Education Chair. Section Secretary **Christine Dorgan** will return as Delegate.

Bob Harrison will continue his position as Student Section Chair and our Webmaster. Bob has done an excellent job with our ISA website. Visit the web site at www.isa.org/~oranc/ for current and past programs.

We are fortunate to have **Bis Mitra** return as the Membership Chair. We are delighted to have **Don Zee**, who will be the national ISA President in 2005 and is current President-elect Secretary, return as Membership Co-Chair, Program Co-Chair, and Education Co-Chair. **John Prince** returns as Publication and Publicity Chair.

We will get the dates all set for some very exciting programs and events so now is the time to come to the meetings, make some new friends, get involved & have some fun. Your board is looking forward to an exciting year and seeing lots of new & old friends!

Respectfully,
Sarah Sheldon, Your President, ISA Orange County

TREASURER'S REPORT FY 2004-2005 Budget Report 6/17/04

INCOME	Actual	Budget	Differential
Arrangement Inc		\$ 3,000	
Christmas Event	\$3,718.67	3,000	
Dues Refund	3,945.65	4,400	\$ 4,102.72
Education Inc	710.00	1,200	
Exhibit Inc			
Interest Income	285.89	750	
Other Income			
Honorarium			
Student Competition		1,000	
Income(donations)			
TOTAL INCOME	\$8,660.21	\$13,350	
	\$4,689.79		
EXPENSES			
Arrangements	4,044.79	5,000	
Christmas	3,470.01	3,000	
Education	840.29	1,600	
Exhibits			
Honors & Awards		100	
Insurance	318.05	250	
Membership			
Misc*	2,517.25		
Newsletter			
Planning Mtg 2004		750	
Pres Spring Mtg		500	
Pres Elect Training	1,396.67	1,500	
President's Budget		83.63	500
Programs		500	
Marketing/Publicity		500	
Society Delegate	1,173.07	1,500	
Student Competition		1,000	
Student Section		500	
Treasurer	67.65	100	
ISA Long Bch Presidents Suite	229.94		250
Dist 11 Leadership Workshop			1,000
TOTAL EXPENSES	\$14,141.35	\$18,550	\$4,408.65
TOTAL	\$ (5,481.65)	\$ (5,200)	\$281.14
Balances (as of 5/31/04)			
Checking:	\$6,008.22		

Savings: Account closed. Funds Transferred to Checking.