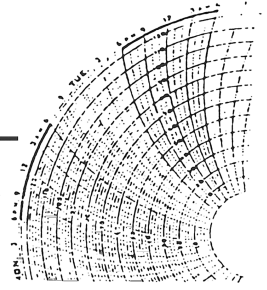




ISA—The Instrumentation, Systems,  
and Automation Society

ORANGE COUNTY SECTION  
www.isa.org/~oranc/

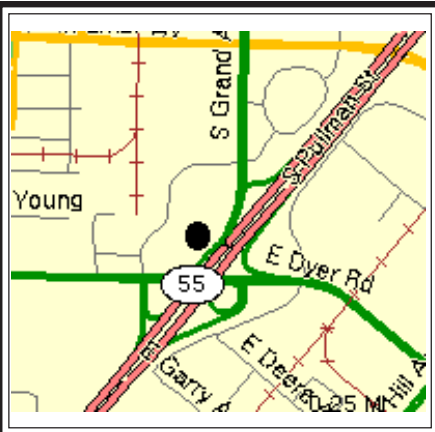


# CHART

March 2004

## INSIDE THIS ISSUE...

- 2 - *President's Message*
- 3 - *District VP's Message*
- 4 - *Safety Development Processes*
- 6 - *Bio+Food Photos*
- 8 - *Local Section Meetings*  
*CSE, CCST Review Classes*
- 9 - *Regional Events*  
*Robotics Competition*
- 11 - *Digital Busses*  
*ISA Auto Training*
- 12 - *ChemPID Session Highlights*
- 13 - *Water & Wastewater Division*
- 14 - *Job Shop*
- 15 - *SSJV Golf Tournament*



*"Don't force it, get a bigger hammer"*

— Anonymous

## Green buildings

The construction and operations of a building requires immense quantities of materials and resources, including land, concrete, steel, wood, glass, water, electricity, natural gas, and man-power. In addition, as people spend more than 90% of their time indoors, the environment that we create inside our buildings has a significant impact on the health and well being of each and every one of us.

In the past five years significant momentum has been created to adopt more sustainable practices in the creation and operation of buildings, ranging from homes to multi-million square feet office buildings and research complexes. In the United States, the United States Green Building Council has been the leader in these efforts through their development and implementation of the Leadership in Energy and Efficient Design (LEED™) rating system.

In this month's program Chad Dorgan, Director of the Facilities Science & Technology (FS&T) Division for Farnsworth Group, Inc. will present explain what a sustainable building is, what the benefits and costs of adopting a more sustainable approach are, and various methods for rating a building's sustainability.

Chad B. Dorgan, P.E., Ph.D., LEED™ AP is the Director of the Facilities Science & Technology (FS&T) Division for Farnsworth Group, Inc., where he is responsible for the day-to-day operations of Farnsworth Group's sustainability, energy, quality construction (commissioning), and research services.

Chad's experience is varied and includes; working as a technician responsible for field investigation of mechanical systems utilizing data loggers and computer analysis; lead mechanical engineer for a 400 building Air Force Base where he was responsible for HVAC design and their energy program; author 10 books on subjects ranging from indoor air quality to utilization of waste heat in mechanical systems; project manager for the implementation of the Commissioning Process on dozens of new and existing facilities; and part of team that has created and maintained the United States Green Building Council's Leadership in Energy and Efficient Design (LEED™) rating system.

Chad received his BSME and Ph.D. from the University of Wisconsin – Madison, with his doctorate focusing on the impact the maintenance of mechanical systems in schools has on the performance of students and teachers.



<b>Date:</b>	Wed, March 10	<b>Place:</b>	Holiday Inn Airport 2726 S. Grand Ave. Santa Ana (714) 481-6300
<b>Time:</b>	5:00-6:00 Dinner 6:00-7:00 Program		
<b>Cost:</b>	\$10 per person includes full dinner		

**RSVP:** Required for full dinner by Monday, March 8. Please contact Sarah Sheldon at sarah.sheldon@fluor.com or (949) 349-8750.

**Directions:** From the 55 Fwy, take the Dyer Road exit and head west. Turn right at Grand (first street). Hotel is on the left.

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

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# President's message



We know that technology changes every day, and new products come out every day. We have been working very hard and trying to provide good programs and education seminars to all of you. In order to help us to continue providing this excellent service, we need to hear from you. We need to understand what you would like to learn and how we can improve our service to fit into your needs better. There are too many good topics out there. But, we would like to focus on what you are interested. At the end of each program or education seminar, you will receive a 'survey sheet'. This sheet will help us understand how to improve our service and understand your needs. And please feel free to e-mail me your suggestions. They are very important to us.

Park Place, our current meeting place, has recently changed their parking policy. We will now be charged \$2 per hour for parking until 10:00 pm

when the attendant goes off duty. So we decided that we are going to change our next meeting place to the Holiday Inn in Santa Ana, (714) 481-6300, at 2726 South Grand Ave., Santa Ana, CA 92705. Meanwhile, we are still looking for a long term meeting place. If you have any suggestions, please let me know.

On March 10th, **Chad Dorgan, P.E. PhD** will give a presentation on "**Green Buildings**". Dr. Dorgan is the Director of the Facilities Science & Technology Division for Farnsworth Group, where he is responsible for the day-to-day operations of sustainability, energy, quality construction (commissioning) and research services. He will speak about what is a sustainable building, what are the benefits and costs of adopting a more sustainable approach, and various methods for rating a building's sustainability.

Please check our web site for more information regarding this program. Also, don't forget to check our web site regarding our local ISA Automation West 2004 in Long Beach. Mark your calendar.

Please feel free to contact me directly with any suggestions and comments at [Johng@icpdas-usa.com](mailto:Johng@icpdas-usa.com) or (310) 517-9888.

John Gong

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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](http://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](http://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.  
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## TREASURER'S REPORT FY 2003-2004 Budget Report 1/06/03

INCOME	Actual	Budget	Differential
Arrangement Inc		\$ 3,000	
Christmas Event	3,718.67	3,000	
Dues Refund	2,435.20	4,400	4,102.72
Education Inc	460.00	1,200	
Exhibit Inc			
Interest Income	285.89	750	
Other Income			
Honorarium		1,000	
Student Competition			
Income(donations)			
<b>TOTAL INCOME</b>	<b>\$6,899.76</b>	<b>\$13,350</b>	<b>\$6,450.24</b>

EXPENSES	Actual	Budget	Differential
Arrangements	2,433.92	5,000	
Christmas	3,470.01	3,000	
Education	840.29	1,600	
Exhibits			
Honors & Awards		100	
Insurance		250	
Membership			
Misc*	1,981.52		
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		250	
Dist 11 Leadership Workshop		1,000	
<b>TOTAL EXPENSES</b>	<b>\$11,446.76</b>	<b>\$18,550</b>	<b>\$7,103.24</b>
<b>TOTAL</b>	<b>\$ (4,547.00)</b>	<b>\$ (5,200)</b>	<b>\$,653.00</b>

**Balances (as of 1/31/04)**  
Checking: \$ 6,406.43  
Savings: Account closed. Funds Transferred to Checking.  
CD: \$42,403.34