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6 - Local Section Meetings
7 - Local ISA Training
8 - Job Shop and Opportunities

Control System Engg
PE License Review Course
Saturdays Through October

Cost per session:
Reg/Std ISA Memb $90
Non-Members add $110
Huntington Beach
Info: www.isala.org

ISA San Diego
5th Annual Golf Tournament

Friday, October 2, 2015
8:00 AM Shotgun Start

The Vineyard At Escondido
925 San Pasqual Rd
Escondido, CA 92025
760-735-9545

$75 per player
$85 after Sep. 18
$10 discount for ISA Members

Includes green fees, golf cart, range balls, buffet lunch and beverage, closest to the pin and long drive contests, winning team awards, raffle prizes
Four person scramble format
Awards Ceremony and Buffet Lunch immediately following golf

Individual players welcome
Contact: Jim Van de Wetering, jvan@blairmartin.com 858-208-9713 or Bill Smith, smithwilliamf@gmail.com 520-444-7973

Standards and Practices Update
By Eddie Chau, Standards and Practices Chair, ISA Orange County Section

Here is an update on ISA releases and revisions since January 2015:
· ISA-TR18.2.3-2015, Basic Alarm Design (not yet online)
· ANSI/ISA-75.10.03-2015, Installed Face-to-Face Dimensions for Shell and Tube Flanged Pinch Valves (Classes 125 and 150)

Continued on page 2

Vision inspection, motion control & communication in robotic machines

Combining quality visual inspection with precision motion control provides companies the ability to build extremely intelligent machines that are quickly becoming the factory standard. Using off the shelf components to create a variety of customized machinery is nothing new, but today’s technology allows for a quicker, flexible and more precision machine. We will explore the use of vision inspection, motion control, how they work together creating these robotic machines and the different forms of communication used.

Speaker Gene Cheadle has been a sales engineer in the Aerospace & Semiconductor industries for more than 25 years, supporting project development, integration and manufacturing techniques for companies like Boeing, Coca Cola, SpaceX, Intel, City Of Los Angeles and Toyota. He’s been with Omron Automation & Safety for more than 12 years, specializing in vision inspection and automated control systems.

A video showing what a basic pick and place robotic cell would look like can be viewed at https://youtu.be/ocqYae93YuE.

Meeting Details
Date: Wednesday, September 9, 2015
Time: 5pm Networking & Dinner; 6-7pm Presentation
Location: Rosemount, 2400 Barranca Parkway, Irvine, CA, 92606
RSVP: Joan Akleh at (949) 537-0740 or joan.akleh@caltrol.com

Huntington Beach

“Trickery and treachery are the practices of fools that have not the wits enough to be honest.”

-- Benjamin Franklin

Automation OC Tabletop & Oktoberfest
After listening to the local membership and automation exhibitors, the ISAOC Board has decided that the event will now be held every two years. The next event will be held on November 1, 2016.

For more information, please refer to www.AutomationOC.com.
Section Messages

Standards and Practices Update
Continued from front page
- ANSI/ISA-TR77.70.01-2010 (R2015), Tracking and Reporting of Instrument and Control Data
- ISA-TR84.00.04-2015 - Part 1, Guideline for the Implementation of ANSI/ISA-84.00.01-2004 (IEC 61511)
- ISA-TR62443-2-3-2015, Security for industrial automation and control systems Part 2-3: Patch management in the IACS environment (not yet online)

As an ISA member, you can view many standards for free at: https://www.isa.org/standards-and-publications/isa-standards/member-access-to-standards/. If you are interested in any of the standards or other ISA publications, please join an ISA standard committee of interest at https://www.isa.org/forms/join-a-standards-committee/. There is no obligation and you can receive information on upcoming changes and any revision under consideration. It is very simple, and I already signed up for mine.

Eddie Chau can be reached at IMI CCI, (949) 835-8052 or eddie.chau@imi-critical.com.

ISA Classroom Training in Cerritos

Submitted by Eddie Chau, Standards and Practices Chair, ISA Orange County Section

Sept 21-24
Certified Control System Technician (CCST) Level II Exam Review Course (TS02) $2105

Sept 21-23
Boiler Control Systems Engineering (ES15) $1380

Sept 24-25
Burner Management Systems (ES16) $1265

Oct 5-9
Installing, Calibrating & Maintaining Electronic Instruments (October 2015 CA) (TI25) $2720

Oct 19-22
Certified Control Systems Technician(r) (CCST(r)) Level I Review Course (TS00) $2105

Nov 2
Process Safety Fundamentals (November 2015-CA) (EC50CT) $575

Nov 3-6
Safety Instrumented Systems: Design, Analysis & Justification (November 2015-CA) (EC50) $2105

Nov 16-19
Certified Control Systems Technician(r) (CCST(r)) Level III Exam Review Course (TS03) $2105

Dec 8-10
Certified Maintenance and Reliability Technician (CMRT) Exam Review Course (TM00) $1485
Friday, October 2, 2015
8:00 AM Shotgun Start
7:00 AM Check-In
The Vineyard At Escondido
925 San Pasqual Rd
Escondido, CA 92025
760-735-9545
$75 per player
$85 after Sep. 18
$10 discount for ISA Members

- Includes green fees, golf cart, range balls, buffet lunch and beverage, closest to the pin and long drive contests, winning team awards, raffle prizes
- Four person scramble format
- Awards Ceremony and Buffet Lunch immediately following golf
- Individual players welcome

Contact: Jim Van de Wetering, jvan@blairmartin.com 858-208-9713 or Bill Smith, smithwilliamf@gmail.com 520-444-7973

Directions to course:

1. Take the Via Rancho Pkwy exit toward Felicita Park/San Diego Wild Animal Park
2. 0.3 mi
3. 9. Turn right onto E Via Rancho Pkwy
4. 0.2 mi
5. 10. Continue onto Bear Valley Pkwy
6. 0.5 mi
7. 11. Turn right onto San Pasqual Rd
8. 0.3 mi

27 mi. to San Diego
6 mi. to Escondido

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Monitoring Systems (CEMS)

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Instruments... Oxygen/CO and Opacity

Baseline... FID and PID Analyzers, GC's
for THC, M/NMHC, VOC's

M&C Products... Sample Probes, Filters, Chillers

EMRC... Flow Monitors

Matheson... Calibration Gases/Regulators

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O2, O3, NH3, TRS, H2S, NOy, N2O (for ambient
monitoring, research, regulatory agency use)

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Local section meetings

For more details about any of the section meetings, please contact the section president, website or read each section’s complete newsletter online at each section’s website.

Los Angeles Section
Dan Oshaben, Georg Fischer Signet
Member Appreciation Networking Happy Hour. Website: www.isala.org.

Orange County Section
Sergei Selezniev, (949) 294-6838, SGSelezniev@gmail.com
Robotics, Vision, Motion Control, Data. See website: www.isaoc.org.

Central California Section
Jeffrey Fitz, Jeffrey.fitz@emerson.com, 909/289-2919
Section Fall Kickoff Dinner 6:30 at Wiki’s. Website: www.isacencal.org.

San Diego Section
Jim Van de Wetering, jvan@blairmartin.com, (858) 208-9713
Scramble Golf Tournament, Escondido. Website: www.isasd.org.

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ISA Training in California

Cerritos
Sept 21-24  Certified Control System Technician Level II Exam Review Course (TS02), $2105
Sept 24-25  Burner Management Systems (ES16), $1265
Oct 5-9    Installing Librating & Maintaining Electronic Instruments (T125), $2720
Oct 19-22  Certified Control Systems Technician Level I Review Course (TS00), $2105
Nov 2      Process Safety Fundamentals (EC50CT), $575
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Nov 16-19  Certified Control Systems Technician Level III Exam Review Course (TS03), $2105
Dec 8-10   Certified Maintenance and Reliability Technician (CMRT) Exam Review Course (TM00), $1485

Burbank
Sept 21-23  Boiler Control Systems Engg (ES15), $1380
For information about these and other classroom and online training courses, please visit www.isa.org/training or contact ISA at (919) 549-8411 or info@isa.org.

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- NCMIC - Pressure Sensors
- PIC - Sensors, Thermocouples
- PLATT - Flowmeters
- SSG - Flow Meters, Transmitters, Valves, Tubing
- TELEMEKA - Control Valves, Actuators, Transmitters, Controllers
- YAMATEK - Valves

Control Systems

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- METRAHIT - Temperature Instruments
- PRINCO - Process Instruments
- PLASTICFLOW - Flowmeters

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End of Summer 2015 Issue  ISA Southern District 11 Newsletters 7
**Job Shop**

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**M&C TECH GROUP N.A.**

Sample conditioning components for continuous, on-line process gas analyzers and CEMS

We sell 100% compatible replacement sensors for use with Great Lakes analyzer-systems.
- PH/ORP - Differential and conventional types
- Conductivity - Electrodeless and Contacting types