Thursday, February 26th Training

“Control of Dual-Input / Single-Output Systems”

Come learn more about Dual-Input / Single-Output Systems!

Dual-input/single-output systems require separate control inputs to manipulate a single process value. Process examples include heating/cooling systems and waste neutralization. Frank Rytkonen, P.E., will discuss the control of such systems. He’ll illustrate applications of various control schemes and discuss performance differences. Finally, he’ll present how to optimally determine setpoint deadband in systems with dual-controller architecture.

5:30pm Sign-In, Socializing, Heavy Appetizers
6:00pm Training Presentation
7:00pm Q&A.

Cost: Free for ISA Members
       Free for Students.
       $20 for non-members.

*Continuing Education Credits Awarded

Location:
Jacobs Engineering, 5005 SW Meadows Rd, Lake Oswego 97202
503-624-3000-1600
President’s Message

Our Speaker for this month is Frank Rytkonen P.E., with O.I.T. Wilsonville. He is an assistant professor in the Electrical Engineering and Renewable Energy department at Oregon Institute of Technology in Wilsonville where he teaches classes in instrumentation, controls, and power.

What an honor it is to have such great speakers Volunteer to present at our meetings.

A big thank you to our speaker from last month Ryan Misjan, he did a wonderful job.

Congratulations to the eight new automation professionals who recently joined ISA. You have joined a professional organization that has much to offer in terms of technical knowledge, standards, and networking with your fellow Automation professionals.

Coming up this month:

“Control of Dual-Input/Single-Output Systems”

On Thursday February 26th 5:30pm at Jacobs Engineering

See you at an event soon,

John Scharosch,
President - ISA Portland
Capitol Electric Co.
Email: contact@isaportlandoregon.org
Phone: 971-506-2896
Cell: 503-784-8274
Twitter: @isapdx

Member Recognition

Do you know a member you would like to recognize (ie. Did a presentation, got a professional license, got published) Contact the ISA Secretary at contact@isaportlandoregon.org and we will put it in the next newsletter.
Members,

As we head into a new year, please consider your role in setting the direction of the ISA by participating as a member in one of the standards committees. All ISA standards are consensus standards and the more that the base of working Automation and Instrument professionals get involved, the more complete and applicable the standards are. From personal experience I can tell you that you can rise to the level of voting member quickly, on any committee, if you exhibit knowledge and passion, and are willing to put the time in to review and comment on the draft standards.

Please review the list of committees currently active at the link below and if you have subject area knowledge and have passion to make a difference, join and help shape the future of our industry. If you would like to team with other members of the section to develop a "section" review, please see me at the January meeting and I will work with you to develop a plan to implement.

http://www.isa.org/Template.cfm?Section=Committees3&Template=/CommitteeList.cfm&CommitteeTypeID=4

Thanks,

Mike Barrett
Standards and Practices Chair
Intel Corp.
Welcome New Members to the ISA Portland Section

Robert G. Blair
Gene M. Fewell
Brian R. Frizzle
Sean Hermanny
Thomas Holmes Teutsch
Jennifer To
Peter Neal Van Denend
Dr. Philip Wisnewski

These new members are testament to our growing ISA Portland Section. Welcome to ISA and the ISA Portland Section! Looking forward to meeting you and other members at an upcoming meeting!

Want to Advertise to Oregon’s Local Controls Professionals?

Why not advertise with the ISA Newsletter and Website?

Also, your advertising dollars are put directly back into supporting local ISA programs.

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Your company name and logo will appear the website www.isapdx.org

Be the first name on their minds for the next big job!

For more information contact:
John Scharosch
503.784.8274
jdscharosch@yahoo.com

AUTOMATION POP-QUIZ

Which of the following would be the best choice for the alarm dead band setting on high alarm?

A) 10%
B) 5%
C) 2%
D) 1%

Email your answer to: contact@isaportlandoregon.org

The FIRST correct answer wins a prize!! To be awarded at January section meeting.
Thursday Night, February 26th, 2015
Jacobs Engineering, Lake Oswego

“Control of Dual-Input/Single-Output Systems
Frank Rytkonen P.E. O.I.T. Wilsonville
Come learn more Dual-Input/Single-Output Systems!

Dual-input/single-output systems require separate control inputs to manipulate a single process value. Process examples include heating/cooling systems and waste neutralization. Frank Rytkonen, P.E., will discuss the control of such systems. He’ll illustrate applications of various control schemes and discuss performance differences. Finally, he’ll present how to optimally determine setpoint deadband in systems with dual-controller architecture.

Live streaming: WWW.livestream.com/isaportlandoregon

Join us for this informative session, beginning at 5:30 p.m.
*Continuing Education Credits Awarded

Jacobs Engineering

FREE for Students!

Can’t Make it to the Meeting? Attend via the Web Contact John (503) 784-8274 for details.

5005 SW Meadows Rd
Lake Oswego, OR, 97202
Tel: 503-624-3000
www.jacobs.com

5:30 pm - Sign In and Socializing. Appetizers will be served.
6:00 pm - Presentation
7:00 pm - Socializing and Q&A
Cost: Free for ISA Members & Students $20.00 for Non-Members

Oregon TECH Wilsonville

Please RSVP to contact@isaportlandoregon.org
### 2013 Programming Schedule

**ISA Portland Section** (Current as of 9/10/13)
(Watch the Relay newsletters and Section website for specifics and changes)

[http://www.isapdx.org](http://www.isapdx.org)

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<td>General Meeting</td>
<td><em>Combined Heat and Power Plant Design</em> “Jacobs Engineering”</td>
<td>John Beaudry</td>
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<td>23-Oct-13</td>
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<td>“Control Communication from Instrument to Enterprise” Rockwell Automation</td>
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<td>Distillery tour</td>
<td><em>Distillery Tour - “Social event”</em></td>
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<td>December</td>
<td>General Meeting</td>
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<td><em>Siemens Industrial Why SCADA?</em></td>
<td>Ryan Misjan</td>
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<td>26-February-15</td>
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<td><em>Control of Dual-Input/Single-Output Systems</em></td>
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<td>23-April-15</td>
<td>General Meeting</td>
<td><em>TBD</em></td>
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<td>28-May-15</td>
<td>General Meeting</td>
<td><em>Industrial Intellincers “Allen Bradley”</em></td>
<td>James Taylor</td>
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Section Officers 2014/2015

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