



Process Measurement & Control Division

Setting the Standard for Automation

2018 Fall Newsletter

In this Issue

- Director's Message
- PMCD Membership
- 2018 Process Control Safety Symposium in Pictures
- 2018 Outstanding member of the year
- ISA @ Calgary 2019

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Director's Message



Greetings ISA Process Measurement and Control Division (PMCD) Members!

Each year PMCD continues to grow in membership and in the number of symposia that we bring to you. The PMCD division is committed to providing the latest and advanced topics in Process Measurement and Control to its members.

This year the PMCD Board has planned another year of programmed opportunities for us to grow together. This includes our advanced technical conferences, scholarships, mentorship, and social events. PMCD plans to hold the **International Instrumentation Symposium (IIS)** and the **2019 Process Control and Safety Symposium (PCS)**.

PMCD is committed to growing our partnerships with local sections such as the *Houston Section*, and increase our value by having more collaborations with other ISA divisions like the *Safety and Security* and *Communication and Educational* divisions.

ISA events, meetings, and committee work provide opportunities for us to participate. Be sure to enjoy the full benefits of your membership by getting engaged in the PMCD division. You can take part in advancing the mission of the PMCD division by:

- Presenting your work at ISA events and conferences
- Recommending a student for a PMCD ISA Technical division scholarship
- Serve as a volunteer/sponsor for our events

I also want to thank all our leaders and volunteers by congratulating them on their exceptional work during last year.

Sincerely,

Kash Behdinin Ph.D. , PMP
Director, Process Measurement and Control Division – ISA



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2019 ISA Process Control & Safety Symposium and Exhibition

ISA's Process Control & Safety (PCS) Symposium and Exhibition returns to Houston this October and November. Sponsored by the Process Measurement and Control, Safety and Security, Chemical and Petroleum, Communications, Education, Pulp and Paper, and Management Divisions of ISA, this word-class event will bring together the best and brightest minds process control and safety to provide the latest updates, trends, and expert projections!

Presentation Topics Include:

Process Control

- Process Optimization
- Procedural Control Applications
- Automation Projects and Project Management
- Operator Performance (HMI, Alarm Management, and Training)
- Instrument Calibration
- Intelligent Device Management
- SCADA Projects and Applications

Cybersecurity

- Cybersecurity and Functional Safety Lifecycle
- Supply Chain Cybersecurity
- Best Practices in Cybersecurity Risk Assessment

Safety Systems

- SIL Determination
 - Functional Safety Lifecycle Data Flow
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2019 ISA Calgary Show

The ISA Calgary Show returns in April 2019!

The International Society of Automation (ISA), its Process Measurement and Control Division (PMCD), along with representatives from several technical divisions including: Safety, Management, Chemical and Petroleum, Construction and Design, and Leak Detection and Repair, in collaboration with the ISA Calgary Section invite authors, innovators, thought leaders, and other professionals in the instrumentation, systems, and automation industry to submit abstracts for presentation consideration as part of ISA@Calgary 2019. This technical conference and exhibition will be held in Calgary, Alberta, Canada on 9-10 April.

For more information on registration, program/speakers, as well as vendor exhibit-sponsorship opportunities, call ISA at +1 919-549-8411 for more details.



PMCD Membership

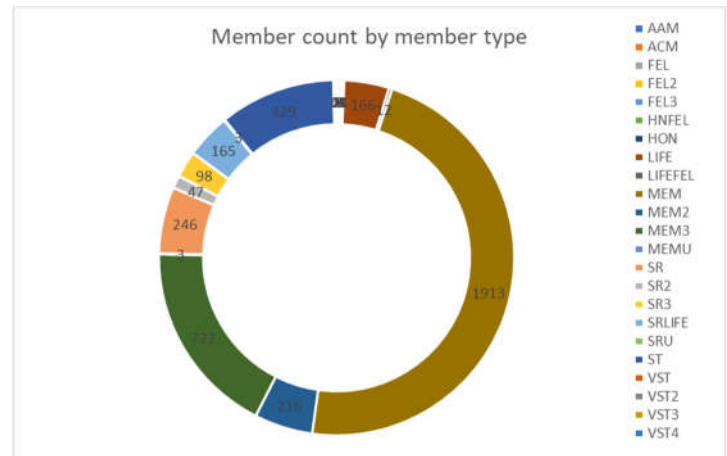
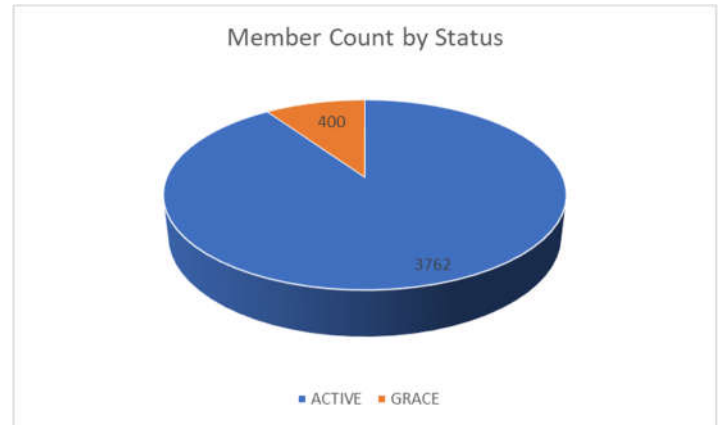
Get the Most out of Your Membership

- **Annual Events** - Participate in a joint symposium with the Aerospace Division and the Test Measurement Division to become a co-sponsoring division for the International Instrumentation Symposium (IIS)
- **Industry News** - Receive PMCD director and director-elect messages posted on the division website
- **Leadership Opportunity** - Sharpen your leadership skills by helping plan and conduct various annual PMCD events
- **Technical Writing** - Submit industry papers, review papers, and participate in developing sessions
- **Networking** - Take advantage of the opportunity to network with other PMCD industry leaders
- **Valuable Information Resource** - PMCD provides its members with comprehensive technical information to aid them in their profession, and their membership supplies:
 - - Comprehensive industry newsletters featuring articles and papers from PMCD members and symposium participants
 - Access to the PMCD website that provides industry technical papers, web seminars, and a list serve of industry peers
- PMCD focuses on primary sensors, control hardware and software, and final control elements. Our active technical committees reflect these areas of interest:
 - Automation and Control Systems
 - Flow Technology
 - Pressure Technology
 - Temperature Technology
 - Level Technology
 - Field Calibration Technology
 - Final Control Elements

PMCD promotes a highly professional, responsible image of the process measurement and control industry through its various programs and helps its members to develop that image and to succeed in a highly competitive market. As a PMCD member, you gain access to a wealth of professional knowledge, you now have the opportunity to share your experiences and learn from your peers.

Current PMCD Membership: 3,762

PMCD is the largest division within ISA!



2018 Process Control Safety Symposium in Pictures





2018 Outstanding Member of the Year



ISA PMCD Newsletter Editor **Pankaj Goel** is PMCD's 2018 Member of the year. Pankaj has helped to create and distribute the newsletter to PMCD members. Pankaj is ISA member since 2014. Pankaj has contributed towards the success of PCS conference by being a part of the committee in 2017 and 2018.

Pankaj is currently a Ph.D. candidate in electrical engineering at Texas A&M University, College Station, Texas. Pankaj has worked as an I&C engineer with Reliance Industries Limited (RIL) for 6 years and with ExxonMobil as an intern during Summer'18. Pankaj has served in various leadership roles at Texas A&M including Grad Camp Director'16, Conference Chair and Technical Director for Conference on Energy (ERS), TAMU Xprize Shell Ocean discovery team. Pankaj has received various awards and scholarships which includes Buck Weirus Spirit Award'18, Southerland leadership scholarship'17,'18, ISA PMCD scholarship'18, ISA educational foundation scholarship'18.

Apart from serving ISA-PMCD Division, Pankaj is also serving ISA-ACARD Division. Pankaj's dedication to the society, and the division hasn't faded over the years. It seems Pankaj is intent on improving his contribution. Congratulations, Pankaj!

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Instrumentation • Systems • Automation
Conference 2019
 Calgary, Alberta, Canada | 9–10 April

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CALL FOR PAPERS



ISA@Calgary 2019 is a comprehensive, highly-relevant conference for virtually all automation professionals—particularly those working in process industries, such as oil and gas, chemicals and petrochemicals, water and wastewater, mining, and power generation, as well as building automation.

As a result, the most pressing automation challenges—relating to industrial cybersecurity, safety, operational reliability, change management, workforce development, and cost control—will be tackled head on. Leading experts and thought leaders will shed light on the technologies, applications, and methodologies capable of solving these challenges and transforming the future of industrial and process manufacturing.

General topics include, but are not limited to:

- Process Measurement
- Safety Systems
- Industrial Cybersecurity
- Automation Project Management
- Hydrocarbon Processing
- LDAR & Directed Inspection & Maintenance

**Abstracts Due:
4 January 2019**

To submit your abstract or for more information, go to <https://isacalgary.com/call-for-papers/>

Through technical presentations and participation, attendees will obtain up-to-the-minute content to be able to:

- **Utilize** latest instrumentation and process applications and technologies to improve operational reliability and quality
- **Protect** critical industrial operations through cybersecurity and safety
- **Plan** effective project strategy and execution
- **Increase** operational efficiency/reliability and maximize throughput while minimizing downtime in a changing workforce
- **Apply** best practices in construction and design for modernizing facilities
- **Implement** emerging solutions in air compliance & emission reduction

Important Deadlines

Deadline for submission.....	4 January, 2019
Notification of acceptance.....	11 January, 2019
Deadline for draft paper submission/paper review.....	25 February, 2019
Deadline for paper review comments.....	8 March, 2019
Deadline for final paper submission.....	22 March, 2019

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