

# Process Measurement & Control Division



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Summer 2018

## Director's Message

By Kash Behdinan PhD, PMP



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

Each year PMCD continues to grow in membership. The division is committed to providing the latest and advanced topics in process measurement and control to its members.

This quarter, the PMCD Board had great progress for planning two conferences: **ISA@Montreal** in Canada, 15–17 October; and **ISA PCS 2018—Process Industry Event** in Houston, Texas, 29 October – 1 November.

The PMCD board also awarded more than \$10,000 in scholarships to 12 qualified students. We have also seen new members joining the PMCD board and volunteering their time and effort to move forward the automation industry.

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 first quarter.

Sincerely,

**Kash Behdinan PhD, PMP**

*Director, ISA Process Measurement and Control Division*

## ISA PMCD Board Members

<b>DIRECTOR</b> <b>Kash Behdinan</b> 661-330-4918 Khashayar.Behdinan@member.isa.org	<b>SCHOLARSHIP ADMINISTRATOR</b> <b>Murtaza Gandhi</b> 281-822-3100 MGandhi@BakerRisk.com
<b>DIRECTOR ELECT, ASSOCIATE PROGRAM CHAIR</b> <b>Joe Joachim</b> 713-376-9886 joe.joachim@chevron.com	<b>EDUCATION CHAIR, MARKETING CHAIR</b> <b>Ardis Bartle</b> 713-446-1902 ardisbartle@apexmeasurement.com
<b>PAST DIRECTOR</b> <b>Sohail Iftikhar</b> 713-376-0143 Sohail.Iftikhar@honeywell.com	<b>PCS PROGRAM CHAIR, SYMPOSIUM CONTACT</b> <b>Edward Naranjo</b> 952-204-6270 Edward.Naranjo@Emerson.com
<b>FACILITATOR</b> <b>Fateh (T.J.) Tajani</b> 713-354-6522 fatehali.tajani@universalpegasus.com	<b>PUBLICATION CHAIR</b> <b>Rick Williams</b> 281-435-0475 Rwill74018@aol.com
<b>SECRETARY</b> <b>Cheri Haarmeyer</b> 575-441-6644 cheri.haarmeyer@radixeng.net	<b>DIRECTOR ELECT ELECT &amp; WEBMASTER</b> <b>Sandeep Kumar Raju</b> 760-372-2435 Vskraju61@gmail.com
<b>SECTION-DIVISION LIAISON</b> <b>Nikesh Regmi</b> 816-333-9400 x6154 nregmi@burnsmcd.com	<b>EX-OFFICIO, A&amp;T DEPARTMENT</b> <b>Ken Belteau</b> 713-627-4467 Kenbelteau@ieee.org
<b>DIVISION PAPER REVIEW CHAIR</b> <b>Otto Friedrich</b> otto_friedrich@mail.utexas.edu	<b>STAFF LIAISON</b> <b>Kim Belinsky</b> 919-990-9404 kbelinsky@isa.org
<b>NEWSLETTER EDITOR</b> <b>Pankaj Goel</b> 979-661-6177 Pankaj.5363@gmail.com	

## Meet PMCD's New Officer

### Haritha Srinivasan

Senior Research Scientist—  
Industrial Control Systems (FM Global)



I feel that choosing electronics and instrumentation as a major for my bachelor's engineering degree was a natural choice for me. I followed my father's footsteps—he worked as an instrumentation engineer and later as a project manager for projects all over the world.

After completing my degree, I decided to learn about PLC programming and enrolled in an ISA course in Pune, India. This course introduced me to ISA. I continued my studies at Oklahoma State University (OSU), where I got a Master's degree in electrical engineering with controls as a specialization. I served as the program chair of the OSU student chapter of ISA, which gave me a wonderful chance to talk to automation industry professionals.

After my graduate degree, I entered the process industry as an Instrumentation and Controls Engineer and for the past six years, I have worked on designing industrial control systems. Currently, I am leading the instrumentation and control system research at FM Global. In this role, my responsibility is to develop innovative solutions for FM Global clients to address the risks/exposures related to control systems and assist the FM Global Engineering Standards group to develop/update guidelines to achieve safe and secure design and operation of control systems.

As a researcher, I keep up with the current trends and the technology advancements in the automation field. I feel that by joining the Process Control and Measurement Division (PMCD), I can contribute and learn from the technical symposiums and the related planning activities. Additionally, I strongly believe that publishing and reviewing papers is a valuable resource for technical knowledge development and PMCD is a great platform for this exchange.

Fun fact: I love traveling and hiking. I have been to the tallest peaks in two states—Guadalupe Peak in Texas and the Mauna Kea summit in Hawaii. The next hike on the list is the Katahdin Peak in Maine.

## PMCD Scholarship Program Results (2018/2019)

The ISA Process Measurement and Control Division announces scholarship recipients for 2018/2019.



The scholarship award is given to ISA student members who contribute to the Society early in their careers and are apt to become members for the long term.

Applicants were nominated by PMCD members and are enrolled in an undergraduate or graduate program related to process measurement and control. The application deadline was April 30th, 2018.

### Here are the winners of PMCD 2018/2019 scholarships.

Name	College	Amount
David Scott	University of Alberta	\$1500
Maryann Azhin	University of Alberta	\$1500
Pankaj Goel	Texas A&M University, College Station, TX	\$1000
Fn Zhang	University of Tennessee, Knoxville	\$800
Mariana Alarcon Lopez	University of Los Andes, Columbia	\$700
Marjan Radfar	University of Alberta	\$700
Amirali Rafiei	Louisiana State University, Baton Rouge, LA	\$700
Aaron Pineda	University of Colorado at Boulder	\$700
Thong "Tony" Nguyen	University of Texas, Austin	\$600
Jacob Joachim	University of Texas, Austin	\$600
Alisgr Tinwala	Sum Ande ep Vidyapith	\$600
Dianan Nguyen	Louisiana State University, Baton Rouge, LA	\$600

***Congratulations to all the scholarship winners!!***



**ISA PCS 2018—Process Industry Event** has been expanded to deliver more comprehensive technical content to a broader range of professionals in the energy processing and process manufacturing industries.

This is **THE** process event that engineers and automation professionals can't afford to miss!

- **Keynote presenters** will reflect on the imagination of today's thought leaders and innovators, and provide prospective on the latest advances and trends in manufacturing technologies and applications.
- **Expanded technical tracks** will cover the crucial issues facing today's manufacturing decision-makers—and those expected to determine both success and failure in the years ahead.
- **Expert-led training courses** will provide an added advantage for professional development on topics related to industrial cybersecurity, alarm management and safety instrumented system criticalities.
- **An exhibitor showcase** of networking and promotional opportunities featuring nearly 7,000 sq. ft. of industry products/services and solutions.

Visit [www.isa.org/pcs2018](http://www.isa.org/pcs2018) for event details and to register.

## Venue

The Westin Houston, Memorial City 945 Gessner Road  
Houston, TX 77024. Phone: +1 281-501-4300

- ISA Discounted Rate: \$189.00/per night
- Reservation Deadline: 5 October 2018

## Registration

### Attendee

- ISA/IEEE/SMRP Member: \$645.00 USD
- Affiliate Member: \$730.00 USD
- Community Member/List: \$810.00 USD
- Student: \$125 USD
- Non-working Retiree: \$275 USD

### Speaker

- 1 Day Event Speaker: \$100.00 USD
- 2 Day Event Speaker: \$200.00 USD
- 3 Day Event Speaker: \$300.00 USD



ISA@Montreal is a new, multi-dimensional, automation track experience, sponsored jointly by the ISA Food and Pharmaceuticals, Automatic Controls and Robotics, Construction and Design, and Process Measurement and Control Divisions.

The Symposium will bring together an array of automation industry professionals from various disciplines to present on best practices, emerging technologies, developments, and applications including:

- Protecting critical industrial operations through cybersecurity and safety
- Applying modern control techniques to reduce threats and risk in automation operations
- Best practices in construction and design for modernizing facilities
- Manufacturing systems automation
- Discovering how to improve your operations through robotics and intelligent systems applications
- Latest instrumentation, communications, and test measurement applications and technologies to improve operational reliability and quality
- Industry-specific applications for food a pharmaceutical processing

View preliminary program and other event details at [www.isa.org/isaat2018](http://www.isa.org/isaat2018).

## Download the ISA PCS 2018 Mobile App

This mobile event technology platform will allow attendees, speakers, exhibitors, and sponsors to navigate the event program and location, communicate and connect with other event participants, gather critical industry supplier information, share attendee experiences and compete with fellow attendees for leaderboard status, virtual drawings for prizes, **AND MUCH MORE!**

- **Download** the Socio App
- **Sign up** and setup your attendee profile
- Go to the **Events Tab** and select **Search for an Event**
- **Enter (Search):** 2018 ISA Process Control & Safety Symposium and Exhibition
- Select **Join Now** and enter the passphrase: PCS2018

## PMCD Membership

### Get the Most out of Your Membership

**Annual Events**—Participate in a joint symposium with the PMCD and other ISA Divisions.

**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.

**PMCD supports 4159 members within ISA!**



*Setting the Standard for Automation™*

A New, Multi-Dimensional  
Automation Track Experience

**Save the Date! 15–17 October 2018**