

2019 Spring Meeting & 15th Global Congress on Process Safety

March 31 - April 4, 2019



Your Key Technical Conference For
Practicing Chemical Engineers & Process Safety Experts.



www.aiche.org/spring

AIChE® invites you to be a part of the 2019 AIChE Spring Meeting & 15th Global Congress on Process Safety



Explore the Latest Trends and Connect with More **Than 2,200 of Your Fellow Chemical Engineers.**

You'll be challenged and stimulated through 190+ technical sessions, over 800 papers and 11 topical conferences focused on critical topics – from Industry 4.0 featuring Big Data Analytics to Kister Distillation Symposium. Whatever your role you'll gain knowledge and skills you can use immediately.

WHO SHOULD ATTEND?

This fast-paced, energetic conference addresses the varying needs of both newcomers to chemical industry and veterans, including sessions developed especially for:

- Applied Researchers
- License Developers
- Process Safety Engineers
- Consultants
- Managers
- Project Engineers
- Early-Career Engineers
- Plant/Production Engineers
- Regulators
- Executives
- Process Engineers
- Young Professionals



INCLUDED IN YOUR MEETING REGISTRATION

Permanent access to online proceedings will now be included for all Spring Meeting & GCPS registrations.

Don't miss out on networking opportunities including the opening reception, coffee breaks, AGILE Keynote Breakfast, luncheons, poster sessions, as well as our conference-wide happy hour and many more.

REGISTRATION NOW OPEN



ONLINE:

www.aiche.org/spring or www.aiche.org/gcps



CALL: 1.800.242.4363 (U.S.) or visit

www.aiche.org/phone(outside U.S.) to obtain your country's number.



FAX: Download the PDF version of the registration form at www.aiche.org/spring and fax to: 203.775.5177



NOT AN AIChE MEMBER?

AIChE Members always pay the lowest price to attend all conferences, including the Spring Meeting & GCPS, plus all the benefits of membership.

BRING A YOUNG COLLEAGUE FOR HALF PRICE

Invite a co-worker, friend or industry newcomer to join you at the Meeting, visit www.aiche.org/bringayp.



2019 AIChE Spring Meeting & 15th Global Congress on Process Safety EXHIBIT

Learn about new technologies, products and services that can help your research.

ONSITE REGISTRATION

Hilton New Orleans Riverside, Chemin Royale

Sunday, March 31	12:00 PM – 7:30 PM
Monday, April 1	7:00 AM – 5:30 PM
Tuesday, April 2	7:30 AM – 5:00 PM
Wednesday, April 3	7:30 AM – 5:00 PM



FEATURED EXHIBITORS

aeSolutions - offers performance-based process safety engineering and automation solutions with proven processes that ensure consistent project execution, while helping customers optimize safety, quality and production.



eVision Industry Software, Booth #800 - eVision Industry Software is the leader in digital Permit to Work solutions and operational safety software. Innovative solutions that improve the way companies like Shell, BP, Total, and many others operate. We provide high-quality delivery and support, on location.



Gexcon US, Booth #400 - Gexcon US is a leading solution provider in the field of safety and risk management, advanced dispersion, explosion and fire assessments. Our experience arises from detailed knowledge of explosion phenomena, built up throughout years of extensive research projects, carrying out safety assessments, performing accident investigations, R&D studies and physical testing.



FEATURED EXHIBITORS

IEP Technologies, Booth #200 - IEP Technologies™ is the worldwide leading provider of explosion protection systems and services which suppress, isolate and vent potential combustible dust or vapor explosions within process industries. As a key member of the HOERBIGER Safety Solutions group, IEP Technologies has facilities in the U.S., Germany, Switzerland, U.K., France, Turkey, China and Brazil designing and servicing systems with a dedicated team of application engineers and field engineers.



Midland Engineering Limited, Booth #105 - Midland Engineering Limited (MEL) provides engineering services for improving a client's manufacturing facility and addressing regulatory compliance needs. MEL provides expertise for Process and Design Engineering, Project and Construction Management, Process Safety, Responsible Care and EHS Auditing, Process Automation.



Midland Engineering, Ltd.

REMBE® GmbH Safety + Control, Booth #102 - REMBE® is a global specialist for pressure relief and explosion safety. The company offers customers cross-industry safety concepts for systems and equipment. All products are manufactured in Germany, and meet the demands of national and international regulations. REMBE® customers are among the market leaders of various industries.



Stonehouse Process Safety, Booth #501 - We partner with our clients in the process industries to help them identify, assess, prevent, and control fire, explosion, and accidental loss of containment hazards. We offer expert consulting, laboratory testing, training, and incident investigation in the specialist fields of dust and gas/vapor explosions, thermal instability, static electricity, PHA, and PSM.



TÜV Rheinland Risktec, Booth #113 - Risktec is an independent and specialist process safety and risk management consulting and training firm. We help clients in the energy and transportation sectors to manage process safety, health, security, environmental and business risk. We are part of TÜV Rheinland, a global leader in industrial testing, inspection and certification.



TÜVRheinland®
Risktec

EXHIBITOR SHOWCASE

Stop by the exhibit hall during the Monday PM coffee break to hear about new technologies, products and services.

Monday PM Coffee Break	
Grand Salon Stage	Open Range Engineering

2019 SPRING MEETING CONFERENCE HIGHLIGHTS

TOPICAL CONFERENCES AT-A-GLANCE



5th Big Data Analytics

Learn the application of big-data analytics and first principles in process industries.



Emerging Technologies in Clean Energy Leadership Development

Hear about energy challenges in the area of carbon capture, sequestration, storage and utilization.



31st Ethylene Producer's Conference

Review regulatory changes, critical flare system design and operating experiences in ethylene plant flare systems in an environmental panel discussion.



7th International Conference on Upstream Engineering and Flow Assurance

Focus on upstream engineering projects spanning both offshore and onshore applications.



19th Topical Conference on Gas Utilization

Explore process simulation, optimization and controls in gas applications.



Kister Distillation Symposium

Learn about new and exciting developments and innovations in distillations.



22nd Topical Conference on Refinery Processing

Explore new developments in energy conservation for refineries, gas and petrochemical plants.



Leadership Development – Professional Skills to Catalyze your Career

Pick up valuable lessons on working as a team and best practices in two-way communication.



Process Intensification

Focus on the reactive separations, centrifugal, and other intensified unit operations.

DIVISIONS + FORUMS

- Chemical Engineering & the Law
- Computing and Systems Technology
- Energy and Transport Processes
- Environmental
- Fuels and Petrochemicals
- Management
- Process Development
- Separations
- Upstream Engineering and Flow Assurance
- Young Professionals Committee (YPC)

800+

Technical
Papers

190+

Technical
Sessions

11

Topical
Conferences

15TH GLOBAL CONGRESS ON PROCESS SAFETY (GCPS) HIGHLIGHTS

The Global Congress on Process Safety (GCPS) is the largest gathering of process safety professionals in the world. This year's GCPS will **feature 6 tracks** to showcase process safety hot topics and emerging technologies in the field.



53rd Annual Loss Prevention Symposium (LPS)

The LPS presents technological advances in process safety, explosion prevention, fire protection and lessons learned from incident investigations. LPS sessions focus on Process Safety technology – new developments, cutting edge solutions, and innovative/novel approaches to hazard identification and risk assessment/management.



34th Center for Chemical Process Safety (CCPS) International Conference

The CCPS conference promotes process safety by identifying emerging process safety issues and advancing leading process safety management practices. CCPS sessions dedicated to managing process safety systematically, locally, regionally and internationally.



21st Process Plant Safety Symposium (PPSS)

The PPSS conference provides proven best practices, perspectives, methods and tools that can be readily practiced and provide value to personnel at the plant level.



8th Process Safety Management Mentoring (PSMM) Symposium

PSMM symposium is a tutorial-based track aimed at professionals new to the workforce, new to the field of process safety, and to those simply interested in strengthening their knowledge of process safety. The framework for the track is grounded in the 20 elements of the CCPS's risk-based process safety approach.



Perspectives on Process Safety from Around the World

Perspectives on Process Safety from Around the World consists of sessions that strive to provide a space for different regions around the world to get together at the Global Congress and discuss the issues that are significantly impacting the development in Process Safety in their regions. Featuring sessions in Spanish, Portuguese, and Sessions from China, Japan and Korea.



Process Safety Spotlights

The Process Safety Spotlights track focuses on topical subjects in process safety.

FEATURED SHORT COURSES INCLUDE:

The 2019 Spring Meeting and 15th GCPS **features 9 preconference short courses and one 2-day workshop** to help you explore in depth and to deepen your process safety, corrosion and data analytics skills. These trainings focus on the topics most requested by process safety professionals and chemical engineers. Space is limited and registration is required.

Short Courses

www.aiche.org/shortcourses

- S1: Dust Explosion Dynamics
- S2: Human Factors in Process Safety Management
- S3: Introduction to Guidelines for Safe Automation of Chemical Processes, CCPS 2nd Edition
- S4: Identification & Prioritization of Safety Critical Equipment
- S5: Layer of Protection Analysis (LOPA) - Updated
- S6: PHA/HAZOP of Procedures (Hazard Evaluation of Non-Routine Operating Modes)
- S7: Transitioning from a Technical Mindset to a Technical Leader Mindset
- S8: Advanced Tools for Process Data Analytics
- S9: NACE ½ Day Basic Corrosion Course

2-Day Risk Analysis Screening Tool (RAST) Workshop

www.aiche.org/rastworkshop

The Risk Analysis Screening Tool (RAST) is a collection of MS Excel® based Process Safety Screening Tools to assist in performing a Hazard Evaluation and Risk Analysis that draw upon the same basic input information. RAST uses very powerful linear relationships that have been quality checked and closely correlate to complex algorithms of many other commercially available analysis tools.

2019 SPRING MEETING & 15TH GCPS JOINT EVENTS

FEATURED SPEAKERS



AGILE Keynote Address
2019 AGILE Award Winner

Sharon Beshouri

*Vice President, Catalyst Analytical and Refining Technology, Chief Engineer
R&D Technical Function, President, Shell Global Solutions (US) Inc.*



15th GCPS Welcome Plenary Keynote

Matthew C. Koenings

*DuPont Vice President – Operations and Chief Engineer
(Retired)*



Monday Luncheon

Bruce Chinn

*President
Chevron Oronite Company LLC*



Tuesday Luncheon

Sunita Satyapal

*Director of the U.S. Department of Energy's Fuel Cell Technologies Office
Office of Energy Efficiency and Renewable Energy*



Wednesday Luncheon

Gavin Towler

*Vice President and Chief Technology Officer
Honeywell Performance Materials Technologies*



Fuels and Petrochemicals Division Keynote

Paul Bonner

*Vice President of Consulting & Data Analytics
Honeywell Connected Plant*

NETWORKING EVENTS

Don't miss the opportunity to attend one or more of the following events.



AICHe SPRING MEETING & GCPS OPENING RECEPTION

*Location: Grand Salon & Grand Ballroom A/B
March 31 • 6:00 PM – 7:30 PM*



AGILE KEYNOTE CONTINENTAL BREAKFAST

*Location: Grand Ballroom C/D
April 1 • 7:00 AM – 8:00 AM*



COFFEE BREAKS

*Location: Grand Salon & Grand Ballroom A/B
April 1 • 9:00 AM – 9:30 AM & 3:00 PM – 3:30 PM
April 2 • 9:30 AM – 10:15 AM & 3:00 PM – 3:45 PM
April 3 • 9:30 AM – 10:15 AM*



POSTER SESSIONS – FEATURING MEET THE INDUSTRY CANDIDATES

*Location: Grand Salon & Grand Ballroom A/B
April 1 • 5:00 PM – 7:00 PM*



HAPPY HOUR

*Location: Grand Salon & Grand Ballroom A/B
April 2 • 5:15 PM – 6:30 PM*

NEW SESSIONS, PANELS, SPEAKERS AND MORE:

**Leadership Development –
Professional Skills to Catalyze Your Career**
Sponsored by WIC & SIOC & Management Division

Industry 4.0 Plenary
April 1 • 9:30 AM - 10:30 AM

Women in Fuels and Petrochemicals
April 1 • 3:30 PM - 5:00 PM
Co-programmed by F&PD and WIC

Women in Process Safety
April 2 • 1:30 PM - 3:00 PM
Co-programmed by GCPS and WIC

**Augmenting Process Safety Performance
through Big Data Digitalization**
*Co-programmed by GCPS and 5th Big
Data Analytics Topical*

*Women's Initiatives Committee (WIC)
Societal Impact Operating Counsel (SIOC)*

YOUR GUIDE TO NAVIGATING THE MEETING

The Meeting can be overwhelming. This guide will offer some tips and information to help you make the most of your experience.

MEETING LOCATION AND VENUES

The 2019 Spring Meeting and 15th GCPS will take place in the Hilton New Orleans Riverside.

HOTEL INFORMATION

The Meeting has negotiated special rates at several area hotels. Use the direct booking instructions where noted to get AIChE rates. Make your request as soon as possible for the best opportunity of receiving your choice hotel.

DON'T BE FOOLED! It has come to our attention that scammers are targeting our meeting attendees, attempting to solicit bookings at unauthorized hotels. When making your arrangements for this meeting, please be sure to only use information listed on or linked directly from www.aiche.org/spring.

ONLINE REGISTRATION

Beat the lines! Register before you arrive. Learn more and register at: <https://www.aiche.org/spring>

GETTING TO AND FROM THE MEETING



Flying to New Orleans

Louis Armstrong New Orleans International Airport (MSY) is Louisiana's primary commercial airport serving 80 percent of all passengers flying into the state. MSY is approximately 12 miles (25 minutes) from Downtown New Orleans. For more information, visit www.flymsy.com.



Driving to New Orleans

East via I-85 S

Take I-85 to I-65. Merge I-10 W. Take I-10 W to U.S. 90 business W exit toward Westbank/Claiborne Ave. Continue on Westbank/Highway 90 and exit Tchoupitoulas/South Peters Street. Continue straight on Calliope St. Riverbound. Follow signs toward the Convention Center.

West

Follow I-10 E to New Orleans. Follow signs to New Orleans Business District/ Interstate 10 E. Continue on Westbank/Highway 90 and exit Tchoupitoulas/South Peters Street. Continue straight on Calliope St. Riverbound. Follow signs toward the Convention Center.

North

Take I-55 S to New Orleans. Merge I-10 E. Follow signs for New Orleans Business District/Interstate 10 E. Continue on Westbank/Highway 90 and exit Tchoupitoulas/South Peters Street. Continue straight on Calliope St. Riverbound. Follow signs toward the Convention Center.



Transportation To/From Airport via The Airport Shuttle

The Airport Shuttle is the official ground transportation for MSY. You can purchase tickets at www.airportshuttleneworleans.com or in person at the Airport Shuttle Ticket Desk, located on the ground level of the airport, or you can make a reservation by calling 866-596-2699.



Bus Options

Hop on the RTA's 202 Airport Express, which travels from the airport terminals to Elk Place at Canal Street in Downtown New Orleans. The fare is \$1.50 and the bus makes nine daily trips to New Orleans.



Ride Sharing Apps

Located on the bottom level of the airport parking lot, across the street from baggage claim, there is a designated spot for rideshare pickups. Trips to and from the airport with start and end locations in Orleans Parish are a minimum of \$33.



Taxi Service

There is a cab stand just outside of the baggage claim area. Fares are \$33 each way for one or two people from the airport to anywhere in the city of New Orleans. Three people or more are \$14 each. There is a \$1 per bag fee. This is regulated by the city but is subject to change.

ONSITE INFORMATION AND LOGISTICS

Onsite Registration Hours

Registration will be at the Hilton New Orleans Riverside, Chemin Royale. Hours are subject to change.

Sunday, March 31	12:00pm – 7:30pm
Monday, April 1	7:00am – 5:30pm
Tuesday, April 2	7:30am – 5:00pm
Wednesday, April 3	7:30am – 5:00pm

Expo Hours for 2019 Spring Meeting and 15th GCPS

The Spring Meeting Expo will be at the Hilton New Orleans Riverside, Grand Salon & Grand Ballroom A/B.

Sunday, March 31	6:00pm – 7:30pm
Open during Conference Opening Reception	
Monday, April 1	9:00am – 7:00pm
Poster Reception from 5:00pm – 7:00pm	
Tuesday, April 2	9:00am – 6:30pm
Happy Hour from 5:15pm – 6:30pm	
Wednesday, April 3	9:00am – 11:00am

**ADA Compliance**

If you require “auxiliary aids or services” at the meeting, please send an email to meetings@aiche.org or a letter stating your needs to: AIChE Meetings Department, 120 Wall Street, 23rd Fl. New York, NY 10005; Fax: 646-495-1507. We will then arrange for the aid/service to be available on-site.

**WIC Family Accommodations****Room/Mothers’ Room**

Located on the third floor noted as Storage A. AIChE will have a sign placed outside the room. Ample seating, refrigerator, and water station will be available. The room will be open during posted Registration Hours.

**Recommended Daycare Services**

Dependable Kid Care

Phone: (504) 486-5044

Website: <http://www.dependablekidcare.net>

Email: help@dependablekidcare.net

**FedEx Office Business Center**

Hilton Riverside New Orleans

2 Poydras Street

New Orleans, LA 70130

Phone: 504.581.5892

Fax: 504.581.5896

Email: usa5670@fedex.com

**Lost and Found**

For questions and help with Lost and Found onsite, please go to the registration desk located in Chemin Royale.

**Recording & Photography Policy**

AIChE Meetings are one of the primary ways the Institute fulfills its mission to advance the development and exchange of relevant knowledge. The content presented at the Meeting is the property of the presenters and the firms where they work. Recording of sessions or taking photos of slides is strictly prohibited.

PLAN YOUR SCHEDULE AHEAD OF TIME.

Are you ready for the 2019 AIChE Spring Meeting and 15th GCPS? Now you can build your personal schedule online ahead of time using the 2019 AIChE Spring Meeting and 15th GCPS Online Planner!

Personalize your Spring Meeting Experience.

Build Your Schedule at

https://plan.core-apps.com/aiche_spring19.

You can even sync your online schedule with the Spring Meeting and 15th GCPS AIChEvents App and bring your plans to the palm of your hand.

With the AIChE mobile app, you can:

- Stay organized with up-to-the-minute Exhibitor, Speaker, and Event information.
- Sync the app across all your devices with Multi-Device Sync.
- Receive important real-time communications from AIChE.
- Build a personalized schedule and bookmark exhibitors.
- Take notes and download event handouts and presentations.
- Rate the sessions you attend and comment on them, too.
- Find attendees and connect with your colleagues.
- Stay in-the-know and join the conversation using the Social Media icon.
- And much, much more!

Navigate the event like a pro with the AIChEvents mobile app.

Download the app today on your mobile device. **Search** for “AIChE Events” on the App Store or Google Play.



THANK YOU

TO THE 2019 AIChE SPRING MEETING &
15TH GLOBAL CONGRESS ON PROCESS SAFETY SPONSORS*

PLATINUM



GOLD



SILVER



BRONZE

