

8TH CCPS LATIN AMERICAN CONFERENCE ON PROCESS SAFETY



September 10-13, 2018

Universidad Católica Argentina (UCA)
Buenos Aires, Argentina





ABOUT THE CONFERENCE

The Latin American Conference on Process Safety, plays an important role to prevent major accidents through lifelong learning and continuous improvement in process safety practice. Center for Chemical Process Safety (CCPS) looks forward to continuing this tradition at the Buenos Aires conference to be held on September 10-13.

This 8th edition will be co-organized with the Regional Association of Oil, Gas and Biofuels Sector Companies in Latin America and the Caribbean (ARPEL), an institution founded in 1965 as a vehicle of cooperation and reciprocal assistance among sector companies, its main purpose is to actively contribute to industry integration and competitive growth, and to sustainable energy development in the region.

The event will cover the experiences and case studies of the different companies in process industries in general, including, among others: oil and gas, chemistry, mining, petrochemical, pharmaceutical, food, etc., focusing on the comprehensive development of some elements of process safety management.

The agenda of the "Latin American Conference on Process Safety" will consist of a series of previous workshops, about thirty technical presentations, the participation of keynote speakers as well as an exhibition.

KEYNOTE SPEAKERS



JUNE WISELWEY
Executive Director
AIChE



CHRIS HAWKES
Safety Director
IOGP



KRISTEN KULINOWSKI
Interim Executive Authority
US Chemical Safety and Hazard
Investigation Board (CSB)



KINNESH DALAL
General Manager
Operational Excellence, HES
Chevron Latin America
Business Unit



CHRIS DOMINGO
Risk Control Director
Willis Towers Watson



ANTONIO MACIAS
Regional Director
NFPA

AGENDA

MONDAY, SEPTEMBER 10, 2018

08:00 - 17:00 Pre-Conference Workshop and Registration

09:00 - 17:00 Workshop **“CCPS NEW APPROACH TO PROCESS SAFETY METRICS”** Instructors: Louisa Nara, Christa Pennino, Néstor Spósito and Orlando Acosta – CCPS **Invited Speakers:** Chris Hawkes - IOGP, Gretel d'Amico - Pluspetrol, Pablo Ferragut - ARPEL

Day 1 | TUESDAY, SEPTEMBER 11, 2018

07:30 - 17:00 **Registration** (All day)

08:10 - 08:40 **OPENING**
Louisa Nara | CCPS
Mary Corsaro | Pluspetrol
Federico Caldora | PAE
Carlos Colo | YPF - ARPEL

08:40 - 9:00 **KEYNOTE CONFERENCE 1**
June Wispelwey | AIChE
AIChE's GLOBAL OUTREACH ON PROCESS SAFETY EDUCATION

09:00 - 10:00 **KEYNOTE CONFERENCE 2**
Kinnesh Dalal | General Manager, Operational Excellence / HES - Chevron Latin America
PROCESS SAFETY APPROACH FOR UPSTREAM

10:00 - 10:30 Coffee Break and **EXPO Opening**

10:30 - 13:00 **TRACK 1: LEADERSHIP AND CULTURE**
Chairs:
Gretel d'Amico | Pluspetrol
Eduardo Francisco | DuPont

10:30 - 11:00 **CONCEPTUAL FRAMEWORK AND NEW APPROACHES TO CULTURE IN PROCESS SAFETY**
Gretel d'Amico, Pluspetrol and Eduardo Francisco | DuPont

11:00 - 11:30 **THE ATTRIBUTES OF THE SAFETY CULTURE. INTERVENTION IN AN OIL&GAS ORGANIZATION**
Diego Turjanski and Mario Poy | ICSI Latam

11:30 - 12:00 **OPERATIONAL DISCIPLINE AS A KEY FACTOR FOR SAFE CULTURE AND PROCESS SAFETY MANAGEMENT**
Jorge Torrado | OCENSA

12:00 - 12:30 **ACHIEVE SUSTAINABILITY THROUGH A COMBINED APPROACH**
Cecilia Sánchez and Fabricio Lima | EXPROGROUP

12:30 - 13:00 **KEYNOTE CONFERENCE 3**
Conclusions of the Workshop “Leadership, Culture and Process Safety”
Spokespersons for Workshop & Martín Fernández | Whycomm

13:00 - 14:00 Lunch and Networking

WORKSHOP: Leadership, Culture and Process Safety

Moderator:
Martín Fernández, Whycomm

14:00 - 15:30	TRACK 2: MECHANICAL INTEGRITY Chairs: Antonio Meza COGA Rodolfo Kramer YPF
14:00 - 14:30	PROCESSES IN CYCLIC OPERATION: LESSONS LEARNED FROM A CASE STUDY Paul E. Rodríguez Pluspetrol
14:30 - 15:00	DETERMINATION OF PRD PFD USING API AS A REFERENCE Paulo Rocha, Felipe Ribeiro, Sandro França Braskem
15:00 - 15:30	ASSET MANAGEMENT AND PROCESS SAFETY: A NEW CHALLENGE FOR THE AREAS OF MAINTENANCE AND RELIABILITY Felipe Henao Pluspetrol
15:30 - 16:00	Coffee Break
16:00 - 17:30	TRACK 3: MANAGEMENT OF CHANGE Chairs: Adriana M. Gómez Dow Chemical Pablo González PAE
16:00 - 16:30	THE ROLE OF MANAGEMENT OF CHANGE IN INCIDENT ROOT CAUSE ANALYSIS Carmen Osorio-Amado, Daniel Getsinger, and Delmar Morrison Exponent
16:30 - 17:00	MANAGEMENT OF CHANGE IN THE INDUSTRIAL COMPLEX PLAZA HUINCUL Carlos Rosell YPF
17:00 - 17:30	MANAGEMENT OF TRANSITORY CHANGES IN PROFERTIL SA Sergio Nabáes, María Lourdes Martínez Profertil
17:45 - 18:45	SHORT TECHNICAL SESSIONS
18:45 - 19:45	Welcome Cocktail

Day 2 | WEDNESDAY, SEPTEMBER 12, 2018

08:00 - 17:00	Registration
08:30 - 10:30	TRACK 4: IDENTIFICATION AND RISK MANAGEMENT Chairs: Héber Varela PLUSPETROL Luis Kirs YPF
08:30 - 09:00	RISK MANAGEMENT: STRUCTURE OF ANALYSIS AND ITS PROCEDURES Karina Isabel Peñafior, Magdalena Barnetche PAE
09:00 - 09:30	THREAT LINE MANAGEMENT TOOL Natalia Bellesi, Carla Tróccoli, Johana Giroldi, Sebastián Mario Shell CAPSA
09:30 - 10:00	MANAGING PROCESS SAFETY RISKS AT THE WELL SITE FOR SERVICE COMPANIES Rogelio Miranda, Terrance Sookdeo GE Baker Hughes
10:00 - 10:30	ESTIMATION OF THE SUSCEPTIBLE VOLUME OF SPILLAGE AND DISCHARGE RATE IN TRANSPORT SYSTEM OF LIQUID HYDROCARBONS FOR LEAKS AND BREAKAGES D. Moncada, M. Montoya, D. Reyes, and J. Florez CENIT Transporte

10:30 - 11:00 Coffee break

11:00 - 11:30 **HOW TO MANAGE THE EMERGING CYBER RISKS, CYBERSECURITY FOR OIL AND GAS FACILITIES**
Gerardo González | YPF
Hernán Vázquez | ARPEL

11:30 - 13:00 **TRACK 5: PROCESS SAFETY TECHNOLOGY**
Chairs:
Diego Gómez | OLDELVAL
Flávio Monteiro | CHEVRON

11:30 - 12:00 **THE USE OF DRONE IN PROCESS HAZARD ANALYSIS STUDIES**
Eduardo M. Francisco, Sergio Ferreira | DuPont

12:00 - 12:30 **PROCESS SAFETY IN THE UPSTREAM: RISK-BASED OPERATION IN VACA MUERTA**
Victor Cabanne | YPF

12:30 - 13:00 **ADAPTING THE CAUSE-EFFECT MATRIX METHODOLOGY TO YOUR SAFETY INSTRUMENTED SYSTEMS (SIS) TO REDUCE HUMAN ERRORS DURING ENGINEERING, OPERATIONS AND BEYOND**
Luis García | Siemens

13:00 - 14:00 Lunch and Networking

14:00 - 15:30 **TRACK 6: EMERGENCY MANAGEMENT AND STAKEHOLDERS OUTREACH**
Chairs:
Nelson Gualtero | PLUSPETROL
Carmen Osorio | EXPONENT

14:00 - 14:30 **IS OUR EMERGENCY PREPAREDNESS AND RESPONSE PLAN RELIABLE?**
Néstor Spósito | CCPS

14:30 - 15:00 **EMERGENCY MANAGEMENT IN MAJOR ACCIDENTS USING PROCESS SAFETY TOOLS. CASE DEVELOPED FOR THE LOADING, UNLOADING AND FLUVIAL TRANSPORTATION OF HYDROCARBONS IN THE PUCALLPA ROUTE AND THE OPERATIONS BASE OF NUEVO MUNDO**
Javier Zumarán | Repsol Perú

15:00 - 15:30 **INTUITIVE SCHEMES, PROCEDURES AND VALIDATIONS FOR DECISION AND ACTION OF THE EMERGENCY LEADER, CASE AND SIMULATION ANALYSIS**
Salvador Avila Filho, Ivone C. S. Cerqueira, Edmara Drigo | UFBA
Jade Spínola Avila | Federal University of Campina Grande
Júlio Nascimento | SSP

15:30 - 16:00 Coffee break

16:00 - 16:30 **SAFETY INSTRUMENTED SYSTEMS AS PART OF PROCESS SAFETY MANAGEMENT**
Ana María Macías, Jade Spínola Avila | MAJA Consulting Group

16:30 - 17:30 **KEYNOTE CONFERENCE 4**
Chris Hawkes | Safety Director, IOGP
PROCESS SAFETY INDICATORS - SOME SURPRISING ANALYSIS OF FATAL INCIDENTS DATA

17:30 - 18:30 **SHORT TECHNICAL SESSIONS**

Day 3 | THURSDAY, SEPTEMBER 13, 2018

08:00- 12:00 Registration (half-day)

08:30 - 9:15 **KEYNOTE CONFERENCE 5**
Antonio Macías | Latin America Director, National Fire Protection Association
PRIORITIZING FIRE PREVENTION AND PROTECTION THROUGH THE LENS OF A SAFETY ECOSYSTEM

9:15 - 10:30 **DISCUSSION PANEL:**
COMPETENCIES IN PROCESS SAFETY
Louisa Nara | CCPS
Dr. Kristen Kulinowski | Interim Executive Authority, CSB
Mary Corsaro | EHS Director, Pluspetrol
Chris Hawkes | Safety Director, IOGP
Felipe Muñoz | Professor and Investigator, Universidad de los Andes, Colombia

10:30 - 11:00 Coffee break

11:00 - 12:00 **KEYNOTE CONFERENCE 6**
Dr. Kristen Kulinowski | Interim Executive Authority, US Chemical Safety and Hazard Investigation Board (CSB)
PROCESS SAFETY LESSONS LEARNED

12:00 - 13:00 **TRACK 7: CASE STUDIES AND LESSONS LEARNED**
Chairs:
Carlos Videla | TECPETROL
Esteban Fellner | YPF

12:00 - 12:30 **NORMALIZING THE DEVIATION: WEAKENING OF THE WORK PERMIT**
Oscar del Águila | Pluspetrol

12:30 - 13:00 **THE QUALITY OF INCIDENT INVESTIGATION AS A CONTRIBUTION TO LESSONS LEARNED**
Pablo Cantasano | YPF

13:00 - 14:00 Lunch and Networking

14:00 - 14:30 **LOSS OF CONTAINMENT TIER 1 FROM HOT VACUUM RESIDUE TANK**
Rafael García Yáñez | Chevron

14:30 - 15:30 **KEYNOTE CONFERENCE 7**
Chris Domingo | Risk Control Director, Willis Towers Watson
CATASTROPHIC INCIDENTS LESSONS LEARNED

15:30 - 16:30 **CLOSING, CONCLUSIONS AND RECOGNITION**
Gustavo Correa | YPF
Mary Corsaro | PLUSPETROL
Federico Caldora | PAE
Pablo Ferragut | ARPEL
Louisa Nara | CCPS

SHORT TECHNICAL SESSIONS

SEPTEMBER 11 TH

LEADERSHIP AND CULTURE

LEADING THE IMPLEMENTATION OF PROCESS SAFETY

C. Castaneda | Equión

17:45 - 18:00 | Room 1

THE PERCEPTION OF PROCESS SAFETY CULTURE IN THE OIL AND GAS INDUSTRY UNDER THE VISION OF HSE EXPERTS

H. L. S. Oliveira, G. B. A. Lima, and M. G. F. Kämpffe

| Universidad Federal de Fluminense

18:00 - 18:15 | Room 1

PROCESS SAFETY TECHNOLOGY

USE OF PLANT 3D MODELLING FOR VALIDATION OF FIREFIGHTING SYSTEMS

Valeria Puértolas | YPF

18:15 - 18:30 | Room 1

COMMON ERRORS IN THE SELECTION AND DESIGN OF RELIEF DEVICES

Andrea Gota | Dow Argentina

18:30 - 18:45 | Room 1

MECHANICAL INTEGRITY

BRITTLE SCENARIOS PROCESS HAZARDS ANALYSIS (PHA) USING METHOD BASED ON API 579 (RECOMMENDED PRACTICE FOR FITNESS-FOR-SERVICE)

Paula Faggion | HES, Braskem

17:45 - 18:00 | Room 2

PERFORMANCE INDICATORS (KPI): THE CHALLENGE OF MEASURING AND MAINTAINING THE INTEGRITY OF THE SIS

Andreina Cabeza and Romel Rodriguez | CSF

18:00 - 18:15 | Room 2

MECHANICAL INTEGRITY "MANUAL STEEL TOOLS CAN GENERATE THE IGNITION OF AN EXPLOSIVE ATMOSPHERE" MYTH OR REALITY? -LET'S SEE THE TESTS

Nicolas Minguez Sr and Leandro Erthal | Proyelco and Petrobras

18:15 - 18:30 | Room 2

PROCESS SAFETY TECHNOLOGY

INCREASE PERFORMANCE AND SAFETY BY INVESTING IN THE HUMAN ASSET

Verónica Turner | Honeywell

18:30 - 18:45 | Room 2

SEPTEMBER 12TH

MANAGEMENT OF CHANGE

THE USE OF LOPA METHOD TO DEMONSTRATE CORRECT INSTALLATION OF PSVS

German A. Luna-Mejias | LUPATECH LTD

17:30 - 17:45 | Room 1

MANAGEMENT OF CHANGE (MOC) - A NEW OPPORTUNITY IN EQUION ENERGÍA

Stefano Pagani, Jaime Rodríguez | Equión

17:45 - 18:00 | Room 1

MANAGEMENT OF RELIEF DEVICES IN PROJECTS

Claudio F. Gadomski | Shell C.A.P.S.A.

18:00 - 18:15 | Room 1

LESSONS LEARNED

SUPERVISION BASED ON CRITICALITY: GUARANTEEING THE SAFETY OF THE POPULATION

Juan De Tomas Sanchez and Nicolas Minguez |

OSINERGMIN y PROYELCO

18:15 - 18:30 | Room 1

EMERGENCY MANAGEMENT

OFFSHORE ENVIRONMENTAL PRE-PLANNING IN THE GULF OF MEXICO

D. Formica Sr. | "Pan American Energy LLC HSE, Buenos Aires, Argentina NFPA, Argentina Chapter"

17:30 - 17:45 | Room 2

REVISITING THE FINANCIAL IMPACT OF MAJOR ACCIDENTS IN CHEMICAL PLANTS, THE NEED TO DEVELOP NEW METRICS ON FINANCIAL LOSSES AND COMMUNICATION STRATEGIES TOWARDS SHAREHOLDERS OR FINANCIAL DECISION MAKERS.

M. A. Medrano | RSC, Mexico

17:45 - 18:00 | Room 2

RISK IDENTIFICATION AND MANAGEMENT

BOW TIE AS A TOOL FOR MANAGING SIGNIFICANT SCENARIOS IN DRILLING AND WELL COMPLETION OPERATIONS

J. Herberth Sr. | YPF

18:00 - 18:15 | Room 2

PERSPECTIVE ON THE REGULATION OF MAJOR ACCIDENTS IN COLOMBIA AND THE ROLE OF THE INDUSTRY IN RISK MANAGEMENT

María Montoya, Julián Camargo, Carlos Nieves |

CENIT Transporte

18:15 - 18:30 | Room 2

REGISTRATION FEES:

CONFERENCE	Up to September 10
ARPEL and CCPS Members	USD 425
Non Members	USD 500
Paper Presenter	USD 275

PRE-CONFERENCE WORKSHOP	Up to September 10
ARPEL and CCPS Members	FREE OF CHARGE*
Non Members	FREE OF CHARGE*

*Subject to availability

RECOMMENDED HOTELS with Corporate Rates

Kenton Palace Buenos Aires

Address: Defensa 383 - Buenos Aires, Argentina

Phone: (54-11) 4331-1033

E-mail: reservas1@kentonpalace.com.ar

IMPORTANT: To obtain the following corporate rate please quote the "ARPEL Congress"

Classic Single or Double	U\$\$ 110 + Taxes
Studio Single or Double	U\$\$ 127 + Taxes
Suite Single or Double	U\$\$ 154 + IVA

Rates include:

- American Buffet Breakfast
- SPA
- WI-FI

Own Madero

Address: Azopardo 419, Nuevo Madero - Buenos Aires, Argentina

Phone: (54-11) 5254-5400

E-mail: reservations@ownmadero.com

IMPORTANT: To obtain the following corporate rate please quote the "ARPEL Congress"

Junior Single/Double	U\$\$ 90 + Taxes
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Rates include:

- Breakfast (from 7a.m. to 11 a.).
- Wi-Fi
- Local calls without charge to landlines.
- Access to Workspace.

Madero Buenos Aires

Mrs. Lorena Calpanchay

Address: Rosario Vera Peñaloza 360, Puerto Madero - Buenos Aires, Argentina

Phone: (54-11) 5776-7704

E-mail: lcalpanchay@hotelmadero.com, reservas@hotelmadero.com

IMPORTANT: To obtain the following corporate rate please quote the "ARPEL" with copy to: gprritsch@arpel.org.uy

Superior Single or Double	U\$\$ 180 + IVA
Deluxe Superior Single or Double	U\$\$ 210 + IVA
Corner Superior Single or Double	U\$\$ 230 + IVA
Zen Superior Single or Double	U\$\$ 240 + IVA

Rates include:

- Buffet breakfast at Röd Resto & Lounge from 6:30 a.m. to 10:30 a.m.
- Wi Fi
- "Clue" amenities kit in all rooms
- Access to the Fitness Center and our exclusive heated indoor pool with panoramic view of the city.

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