FUGITIVE EMISSIONS SUMMIT CHINA

Fugitive Emissions Summit China Advance Program

19-20 September, 2018
Shanghai International Convention Center
Shanghai, China

The leading knowledge and business event for fugitive emissions and VOCs control professionals!

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Share your knowledge and experience on site to reduce China's fugitive emissions and protect the environment!

Why a Summit?

The ongoing development of national laws and regulations, in addition to the successful conclusion of Fugitive Emissions Summit China 2016 and the Fugitive Emissions Course during Valve World Asia 2017, demonstrate that the topic is gaining momentum across the entire industry. The issue of fugitive emissions will undoubtedly continue to exert far-reaching influence on future valve business development strategy.

From 19-20 September 2018, we will launch the 2nd Fugitive Emissions Summit China in the Shanghai International Convention Center. Building on the success of previous achievements, this year a group of senior experts and industry players will be invited to provide in-depth analysis and discussions on Fugitive Emissions, LDAR practice and other hot topics. Moreover, combined with the updated results of Valve World Conference 2018 (Germany) and Fugitive Emissions Summit Americas 2018, the China Summit will not only provide an inspiring event covering the most advanced technologies and practices, but also a group of suggested solutions in connection with the unique characteristics and demands of the Chinese market.

Early last year, the State Council printed and distributed, the 13th Five-Year Plan for Energy Conservation and Emission Reduction ‘. The Plan indicates that by 2020, energy consumption per 10,000 yuan of national GDP should drop by 15% compared to 2015. In addition the total energy consumption should be kept with five billion tons of standard coal. National total emissions of VOCs should drop 10% compared to 2015.

According to the Plan, the focus will be on key projects to reduce major air pollutants, with the aim of finalizing the program to reduce VOC emissions in petrochemical enterprises by 2020. The Chinese Government has decided to tackle the problem through the following five aspects:

- Strengthen source control, limit the emission of different kinds of enterprises;
- From heavy to light industries; starting with industries like petrochemical, organic chemical, packing & printing, and etc;
- Make the focal points stand out; keep a close eye on equipment sealing points, storage, assembly and disassembly;
- Raise the level of law enforcement and efficiency;
- Expand information disclosure.

Audience

The content of the summit will be particularly of interest to:

- Engineers and managers from reliability, maintenance and HSE departments in chemical, petrochemical, oil & gas companies.
- Suppliers and manufacturers of Fugitive Emissions management products and services, including valve and sealing products
- Government, regulatory bodies and research institutes
- Mechanical, Material and process engineers from engineering companies.
- Decision makers within these companies/bodies

Hot Topics

Topics of the Summit

- VOCs control & LDAR regulations in China
- Fugitive emissions international standards
- Case study of fugitive emissions control activities
- Refinery and chemical plant applications
- Valve and flange sealing technologies
- LDAR practice from different countries and markets
- Low emission testing
- Industry trends

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A message from the Conference Chairman

The Fugitive Emissions Summit China 2018 will be held from 19 to 20 September 2018 in Shanghai, China. You are sincerely invited to attend this important event. Over the past three decades, China's economy has been developing at an unprecedented pace. However, we are also facing enormous challenges on both environmental protection and sustainable growth. How to deal with Fugitive Emissions more strictly to protect our air quality and our health? How to manage our facilities more efficiently to ensure the safety and maintain the sustainable economic growth? These are all pressing questions in our industries that we must find answers for ourselves. And I believe this conference will provide direct help to all of us.

This is also a great opportunity to learn and acquire new knowledge, build new networks, train new employees, and develop new collaborations. I look forward to meeting each and every one of you during the conference.

Sincerely yours,
Henry Ye, Ph.D.
Chemours China
Steering Committee Chairman of the Fugitive Emissions Summit China 2018

Exhibit

Showcase your company while interacting with end users and industry leaders! There will be limited number of stands available to help support your presence at the event and from which to carry out business.

For more information please contact:

Exhibit/Sponsorship:
Ms. Daisy JIANG
Tel: +86-21-6351 9609*612
FESChina.expo@kci-world.com

Conference:
Ms. Laura WANG
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FESChina.conf@kci-world.com

Fugitive Emissions Summit 2018 Steering Committee

Chairman: Henry YE, *Chemours China*
Co-Chair: Gobind Khiani

2016 Chairman: Shanjun Mu, *Sinopec Research Institute of Safety Engineering*

Committee Members:
Mingya HUANG, *Hefei General Machinery Research Institute*
Gangfeng ZHANG, *Shanghai Academy of Environmental Sciences*
TP CHENG, *Industrial Technology Research Institute(ITRI)*
Paul LIU, *Material Technology Institute*
Allan Raymond S. Ramos, *FLUOR*
Steve Probst, *Sage Environmental Consulting*
Dayong LI, *Dow Chemical*
Weifeng YU, *TÜV Rheinland*
Xiaolei SHI, *Wison Engineering*
Neeraj Batra, *Chiyoda Corporations*
Kunjie LUO, *Suzhou Nuclear Power Research Institute*
Zhinong ZHAO, *Senior Consultant of Wanhua*
Alex CHEN, *Dow Chemical*
Junpeng XUE, *Safetech Research Institute*
Lei ZHANG, *University of Science and Technology Beijing*
Li YANG, *Failure Analysis of Committee of Shanghai Mechanical Engineering Society*
Morse XU, *Honeywell*
Hongbo ZHAO, *Invista*
Huayu ZHANG, *Arkema*
Yang HU, *Sinopec*
Sam WANG, *Chemours*
Allen WANG, *Neway Valve*
Rodney Roth, *Beric Valves*
Foster Voelker, *Beric Valves*
Bronson Pate, *RFS Compliance Solutions*
Simon HO, *Sage Environmental Consulting*

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Advance Conference Program

Wednesday, 19 September

	Plenary Session* Chair: Henry YE, *Chemours*	
9:00	Welcome Speech — Henry YE, *Chemours*	
9:10	LDAR regulatory policy and common issues — Jian MIN, *Ministry of Ecology and Environment of the People's Republic of China*	
9:40	The status quo and future trends of LDAR applications in China — GangfengZHANG, *Shanghai Academy of Environmental Science*	
10:10	Current fugitive emission standards for valves and packing & typical test results and valve failures for fugitive emission tests — Matthew J. Wasielewski, *Yarmouth Research and Technology, LLC*	
10:30	**Coffee Break**	
10:45	**Open Panel: Global Perspective of Environmental Reliability —** Bronson Pate, *Dr. Ed Quick,* Jian MIN	
11:30	**Open Panel: FE Management from an operational perspective** Speaker & Moderator: Henry YE, *Chemours* — Best practices for improving FE solutions Panel: Dayong LI, *Dow Chemical,* William YU, *TUV Rheinland,* Foster Voelker, *Beric Valves*	
12:15	**Lunch break & Expo Visit**	
	Standard and Regulatory Updates Moderator: Jun HU, *Hefei General Machinery Research Institute*	**LDAR Practice** Moderator: Simon HO, *Sage*
1:30	New standards & editions changes for fugitive emissions compliance & valve requirements — Paul Heald, *Bonney Forge*	LDAR auditing best management practices — Steve Probst, *Sage*
2:00	Challenges for EPC contractors to comply with fugitive emission standards — Neeraj Batra, *Chiyoda Corporations*	Operational excellence, mechanical availability, and safety improvements via effective LDAR implementation, — Steve Probst, *Sage*
2:30	Industrial valve fugitive emission standard application development and practice sharing — Zhixin ZHANG, *Metal Industries Research & Development Centre*	tbd (LDAR Practice in European markets)
3:00	**Coffee break & Expo visit**	
3:30	**Training: Drill & Tap, Proper Packing Installation on Low E Valve, Bolt & Joint Integrity Trainer: Rodney Roth, *Foster Voelker* Moderator: Bronson Pate**	

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Thursday, 20 September

	Plenary Session* Chair: Gobind Khiani	
9:00	Global emission standards — Gobind Khiani	
9:20	LDAR verification & evaluation technique + case study — *Tianjin Academy of Environmental Science, China*	
9:40	Research on valve sealing elements for the reduction of volatile organic compounds — Yanchun GENG, *National Engineering Research Center of Rubber and Plastic Sealing & Guangzhou Mechanical Engineering Research Institute Co., Ltd.*	
10:10	How sealing manufacturers can help end-users to comply with stricter emission standards — Ralf Vogel, *Burgmann Packings Group GmbH*	
10:30	**Coffee Break**	
	New Technology Moderator: Neeraj Batra, *Chiyoda Corporations*	**Sealing Technology** Moderator: Dayong LI, *Dow Chemical*
10:45	Fugitive emissions detection gearbox: a new product to contain and detect fugitive emissions from valves — David HU, *Rotork*	Seals design for metal to metal contact flange connections — Lucia LIN, *IDT SINYUAN Sealing Technology*
11:15	How to achieve a "trouble-free retirement" with PROFIBUS — Max Wagner, *Indu-Sol GmbH*	Metal bellows as a sealing element for zero emissions — Ulrich Bock, *Witzenmann*
11:45	Acoustic monitoring environmentally friendly and economically fruitful — Bronson Pate, *RSF & Foster Voelker, Beric Valves*	Advanced metal seal technologies for critical valves — Grégory Tocheport, *Technetics Group*
12:15	**Lunch break & Expo Visit**	
	Testing Moderator: William YU, *TUV Rheinland*	**Low-E Valve Best Practice** Moderator: Morse XU, *Honeywell*
1:30	Fugitive emission testing and certification of valves; what we will have to do next? — David Bayreuther, *Metso*	Consumption upgrading of fugitive emission valves — Anker HE, *Neway*
2:00	Fugitive emission testing of API valves — Lin CHEN, *Jiangsu Shentong Valve*	Discussion of low emission valve design upgrading — Leon CHEN, *BERIC VALVE*
2:30	Analysis of fugitive emissions standards and practice of testing and certification for Low-E Valves — William YU, *TUV Rheinland*	*Applying Fugitive Emission Standards to Keep Our Air Clean - A Valve Manufacturer' s Perspective — Stan Allen, Bray*
3:00	Correlation between leakage rates of methane and helium in fugitive emission test, and uncertainty evaluation of methane leakage measurement, Chaohui GUO, *Rock Valve Fugitive Emission Test Center*	Research on metal bellows sealed valves, Philip Wang, *Dixon China*
3:30	**Coffee break & Expo visit**	
4:00	On-site demonstration of flange and gasket installation and fastening procedure.	

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Steering Committee Member Introduction (Partial)

Chairman: Henry YE, *Chemours*

Dr. Haihui YE (or Henry YE) graduated from the University of Stuttgart with a Ph.D. degree in 2002. His specialty is materials science and engineering. His Ph.D. work was accomplished in the Max Planck Institute for Metal Research. Before that, in 1993 and 1998, he had obtained the bachelor's degree and master's degree in East China University of Science and Technology, majored in Inorganic Nonmetallic Materials. Then he had his postdoctoral research in Drexel University in Philadelphia. During this period, he finished and published over 20 professional papers in many excellent international journals including Nature Materials. In 2005, Dr. YE joined DuPont company in Wilmington, DE, USA, the headquarter of DuPont. After working in the US for one year, he moved to Shanghai, China, to become a materials engineering consultant in the engineering department of DuPont China Holding Company, and support all DuPont sites in the Asian-Pacific region. During his working in DuPont, he has published more than 200 internal technical papers, such as condition assessment, failure analysis, and etc. He received two DuPont Engineering Awards. From July 2017, he joined Chemours (grown out of DuPont's fluorine chemistry and titanium dioxide business), and kept working as senior materials engineering consultant and support all Chemours sites in the Asian-Pacific region. He was the chairman of Materials Technology Institute (MTI)'s Asia division from 2009 to 2015. In 2015, he became the chairman of NACE STAG P70.

Co-Chair: Gobind Khiani

Gobind Khiani has more than 22 years of technical leadership and project management experience in worldwide petroleum, power, LNG and clean energy industries, both in operating and engineering. His background includes refinery & power plant operations and project management positions on various gas & oil pipeline and facility projects. Over the past few years he has led multiple pipeline, natural gas & oil pipeline and facility projects and SAGD projects with Calgary office and supported India, Philippines, Saudi Arabia, Kuwait, California, and Shanghai offices. Gobind's value engineering solutions, innovative and client focused approach along with a passion for leading and developing others has seen him progress as Fellow Piping/Pipeline & Control System Valves and Relief Devices at Fluor Canada. Gobind has a mechanical engineering degree from the University of Calgary and is a registered, professional engineer.

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Gangfeng ZHANG, *Shanghai Academy of Environmental Sciences*

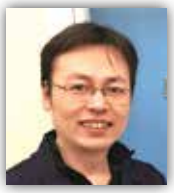
Mr. Zhang is the Senior Engineer of the Academy of Environmental Sciences, Shanghai. Long been engaged in volatile organic compounds (VOCs) pollution control technology policy and research work, he has participated in the drafting of the "Shanghai Industrial emissions of volatile organic compounds and governance programs", "Shanghai industrial emissions of volatile organic compounds industrial pollution control projects to support special operations approach", "Shanghai VOCs pollution charges pilot implementation", "the volatile organic compounds emissions from industrial enterprises accounted for Interim Measures", "Shanghai typical industry VOCs emissions calculation method" and other local policies and regulations.

Dayong LI, *Dow Chemical*

Mr. Li has been working for Dow Chemical (Zhangjiagang) since 2005, and currently serves as Work Process and Piping Practices Expertise Area Leader. Being a member of TRNs of CPPS, Stress & Support, Valve, PFF, FRP, and Plastic Lined (non-metallic) material, over the past decade, he has been providing technical support on piping to Dow's global market. Also has held the roles of Piping Discipline Activity Specialists for Asia Pacific, as well as been taking charge of CPPS for Greater China and Thailand. In addition to the above, he has rich experience on project management and got the certification of Associate Project Manager Certification – Dow Chemical PMO and Six Sigma GB Proj Ldr. Prior to joining Dow, Mr.Li worked for engineer companies home and abroad for over a decade.

Neeraj Batra, *Chiyoda Corporations*

Piping Engineer. His main duties are related to piping material selection, piping design & layout, dynamic analysis of Piping systems, Vibration analysis of piping etc. He has been involved in preparation of isolation philosophies for LNG plants, trouble shooting of valve problems at field, procurement of bulk and specialty valves, vendor surveys, attending FAT for the valves, researching about new valve technologies etc.



Lei ZHANG, *University of Science and Technology Beijing*

Ph.D (Materials Science and Engineering in 2005), Associate Professor in Corrosion and Protection Center of University of Science and Technology Beijing, Academic Visitor in Leeds University in 2015, Secretary-general in Environmental Assistant Cracking Committee of Chinese Society for Corrosion and Protection from 2007, Member of NACE International (National Association of Corrosion Engineer) and Adviser of NACE China Student Section from 2010. The research areas include Corrosion and failure analysis in oil and gas industry, H2S and CO2 corrosion, Environmental cracking, Stainless steels and Nickel based CRAs and Integrity management.

Yang HU, *Sinopec*

Mr.Hu was doctored at University of Science and Technology Beijing, now working for China Petroleum & Chemical Corporation (Qilu) as Professorate Senior Engineers. He is also the Standing Director of China Society for Corrosion and Protection, Deputy Secretary General of Petrochemical Corrosion and Safety division, Co-chair of NACE STAG P72.

Weifeng YU, *T V Rheinland (Shanghai) Co., Ltd.*

China's first generation of inspector of ASME/NBBI since 1991, the first batch of the EU PED authorized Chinese inspector and obtained first auditors qualifications. He participated with more than 600 kinds of pressure equipment and materials manufacturers on product and factory auditing. He worked as a Deputy Director of the Inspector and Testing Center at the China Industrial Boiler Testing Center since 1984 and gave certified and audited more than 200 industrial boilers and pressure equipment. From 1994 to 2001, he worked for the British Lloyd's LR classification societies, responsible for the material, welding and pressure equipment project factory certification and product auditing, boiler and pressure vessel products ASME products Testing and ASME certification audit; since 2001, he worked as GM in Germany T V Rheinland Technology (Shanghai) Co., Ltd., responsible for contract review and management, business development.

Li YANG, *Failure Analysis of Committee of Shanghai Mechanical Engineering Society*

Deputy Director and Secretary General of the Failure Analysis of Committee of Shanghai Mechanical Engineering Society. Being engaged in physical&chemical test of material, lab integrated construction, technology consulting and training. She participated in making and revising more than ten government standards. She is also on the editorial board of Physical Testing and Chemical Analysis Part A: Physical Testing, and QC Reviewer of Shanghai Inspection Agencies.

FUGITIVE EMISSIONS SUMMIT CHINA

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2 Organizational Contact Person:

Name _____ Mobile _____

Email _____ Job Title _____

3 Reserve a stand:

☐ Single Stand: Euro 4,500 (*Including 2 conference tickets*)

☐ Double Stand: Euro 9,000 (*Including 4 conference tickets*)

Preferred booth numbers: _____

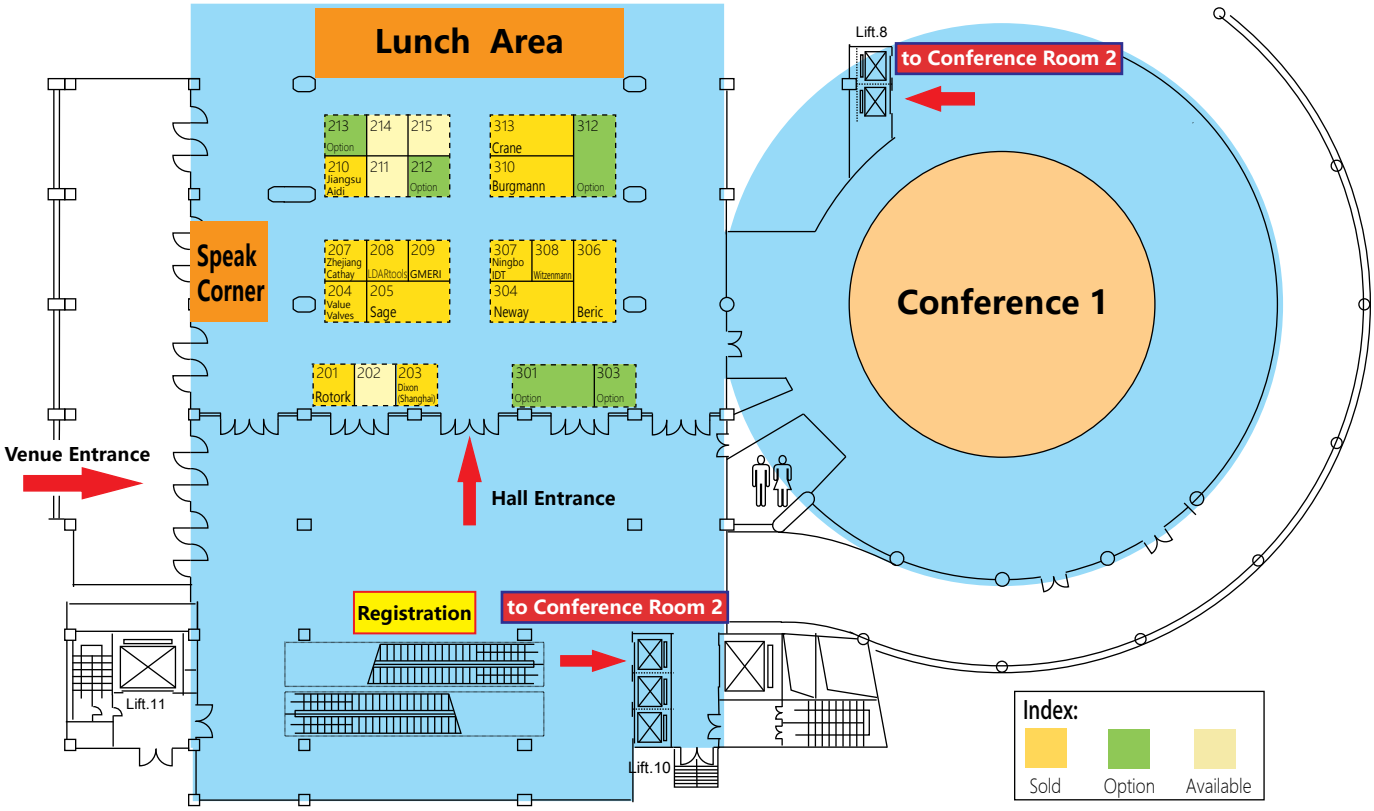
Please check the latest floorplan at:
http://china.fugitive-emissions-summit.com/floorplan-2018/

4 Summit Ticket:

☐ Original Price : Euro 580

Including: 2 days Conference, coffee breaks and 2 lunches.

With this registration, I agree that my name is listed publicly.



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