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INVITATION

# ASIA HELIUM CONFERENCE 2024

Hedging the risks in the helium value chain

**Hilton Guangzhou | 5-6 June 2024**

**BOOK NOW**

China Industrial Gases Industry Association  
China Committee of Innovation & Development on  
Helium Industry

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# ASIA HELIUM CONFERENCE 2024

## 2024 亚洲氦气会议

 **HILTON GUANGZHOU**  
中国广州

**5 - 6 June 2024**

### 专家介绍 Maura D.Garvey

- Maura D. Garvey is President of Intelligas Consulting LLC, the premier consulting firm dedicated to servicing the needs of the U.S. and international industrial, medical, and specialty gases community
- Over 26 years of experience performing numerous in-depth helium studies analyzing and forecasting global supply/demand, supply chain economics including cost/price, sourcing strategies, and producer strategies, as well as those on helium production, distribution, and applications.
- Garvey has written over 100 articles since 1998, including yearly updates on the global helium market.
- Intelligas Consulting LLC (美国) 的总裁, 该咨询公司是工业、医疗和特种气体社区提供服务的领先咨询机构
- 拥有 26年+ 在全球供需、供应链经济学、采购策略、生产与分销策略方面进行深入氦气研究的资深经验;
- 自1998年以来, 撰写并发表了100+篇与氦气相关的文章



“

Global Supply  
Demand Volatility.

”

#### 指导单位

中国气体协会  
China Industrial Gases Industry Association  
中国氮产业创新发展委员会  
China Committee of Innovation & Development

#### 主办单位

山东隆众技术有限公司

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### 专家介绍 Luke Manickam

- Over 20 years experience in venture, mega project, marketing, contracts, logistics & negotiations
- Significant role in Qatar Helium Marketing Team responsible for Air Liquide, BOC/Linde, Air Products, and Iwatani long-term offtake contracts
- Founder of LM Intelligas Sdn.Bhd.
- 亚洲第一专家顾问，负责风投、巨型项目、市场营销、合同、物流及商业谈判等工作超过20年
- 作为卡塔尔氦气营销团队中的重要成员之一，直接负责法国液化空气集团（Air Liquide）、英国氧气公司/德国林德集团（BOC/Linde）、空气产品公司（Air Products）以及岩谷公司（Iwatani）的长期采购合同；
- LM Intelligas Sdn Bhd公司创始人



“ Hedging the risks:  
Case study Qatar ”

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China Industrial Gases Industry Association  
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### 专家介绍 Wang Chunyan

- 30 years of design and research experience in the oil and gas field ground engineering, as a senior expert in China Petroleum Planning Institute.
- 6 years of value experience in the research of the whole industry chain of helium market, production, storage and sales.
- Published 7 books, more than 20 papers, 15 standards and specifications, and 19 awards at national, provincial, ministerial, and bureau levels.
- 在油气田地面工程领域有30年的设计和研究经验，目前在中国石油规划总院任高级专家
- 在氦气市场，生产，储存，销售全产业链研究方面具有6年的专业经验
- 出版著作7部，发表论文20多篇，发布标准规范15项，获得国家级、省部级和局级奖励19项



“ Helium Supply, Storage and Sales  
Research and Outlook ”

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China Industrial Gases Industry Association  
中国氮产业创新发展委员会  
China Committee of Innovation & Development

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会 行 业 之 精 英    展 企 业 之 盛 景



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## 2024 亚洲氦气会议

📍 HILTON GUANGZHOU  
中国广州

5 - 6 June 2024

### 专家介绍 Danny Elzer

- More than 33 years of experience in the semiconductor industry. In addition to electronic gases, he has experience in chemicals, precursors and mechanical components used in semiconductor manufacturing.
- TECHCET Senior Technical analyst, responsible for electronics, rare and Helium market research and consulting.
- Bachelor of Electrical Engineering from Rochester Institute of Technology and MBA from the University of Phoenix, USA.
- 在半导体行业拥有超过33年的经验。除了电子气体之外，他还拥有用于半导体制造的化学品、前驱体和机械部件方面的经验
- TECHCET高级技术分析师，负责电子气体、稀有气体和氦气市场研究和咨询
- 罗切斯特理工学院电气工程学士学位和美国凤凰城大学MBA学位。



Semiconductor Demand  
Outlook Focus China, Japan,  
Korea & Taiwan

#### 指导单位

中国气体协会  
China Industrial Gases Industry Association  
中国氮产业创新发展委员会  
China Committee of Innovation & Development

#### 主办单位

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# 2024亚洲稀有气体产业大会 暨第四届工业气体行业发展大会

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## BACKGROUND

2023 has been a defining moment, a famine-to-feast year for the helium world. Despite the shortages, helium global sales hit about 6 Bscf (170 million scm, 28 million tonnes) in 2023. With the current Qatar 1-3, Exxon USA and Gazprom Amur 1 reliable production, fears of supply shortages are highly likely to be a thing of the past starting in 2024.

Helium is widely used in MRI, semiconductor, aerospace, welding, and laboratory fields. As Asia is one of the critical helium markets, the region plays a crucial role in the industry's future development. LM Intelligas forecasts:

1. Worldwide helium production exceeds 6 Bscf per year starting in 2025
2. Worldwide annual helium production capacity will exceed 7 Bscf by 2030
3. Qatar's production will reach 4-5 Bscf by 2035, and Qatar retains the world's No.1 exporter position
4. Asia's demand is about 40% of the worldwide currently, and China, is Asia's No.1 helium importer
5. China, from world's No.2 at present, is likely to be the world's No.1 helium importer by 2035.
6. Russia's production will exceed 2 Bscf by 2035

2025 and the upcoming years will be fraught with uncertainties as the helium industry grapples with complex decisions in:

1. New mega projects' timing
2. Existing projects' maintenance scheduling
3. Red Sea logistics threat handling
4. Cryogenic ISO tanks' production capacity planning
5. Mergers and acquisitions strategizing

To better navigate these challenging times, mega producers and industrial gas companies need to restructure and streamline the value chain operations to hedge the risks and become cost-effective, efficient, and responsive to supply-demand dynamics.

### Asia Helium Conference 2024

The upcoming event will serve as a platform for mega helium producers, industrial gas companies, distributors, end-users, and cryogenic equipment technologists to collaboratively discuss risk mitigation in the helium value chain. Participants can expect updates on production projects, volatility in supply-demand balance, corrections in semiconductor demand, and logistics challenges in Asia.

Most crucially, the conference will offer participants valuable networking opportunities and prospects for future collaboration, particularly with key players from Qatar and China in the helium market.

## CUSTOMER

- Helium, rare gas, bulk gas, steel, coal chemical, stainless steel producers and professional gas companies in Asia;
- Traders and filling stations of bulk gases, rare gases and special gases;
- Pharmaceutical factories, chemical factories, photovoltaic enterprises, semiconductor enterprises and other downstream enterprises;
- Thermal power plants, steel mills, coal chemical enterprises and other factories interested in CCUS and carbon neutrality;
- Dry ice producers, large dry ice customer and so on;
- Gas equipment and instrument testing equipment enterprises.

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## HIGHLIGHTS

### Growing need for adaptable operations

The years from 2025 onward will be marked by uncertainties as the helium industry navigates complex decisions regarding:

- Timing of new mega projects.
- Maintenance scheduling for existing projects.
- Handling logistics threats in the Red Sea region.
- Planning production capacity for Cryogenic ISO tanks.
- Strategising mergers and acquisitions. To better navigate these challenges, mega producers and industrial gas companies must restructure and streamline value chain operations to hedge risks and become cost-effective efficient, and responsive to supply demand dynamics.

## SCHEDULE

### June 4, 2024 (Tuesday)

- 16:00-18:00     **Registration**
- 18:00-20:00     **Cocktail Reception**

### Morning of June 5, 2024 (Wednesday)- Asia Helium Session

- 09:00-09:10     **Opening Speech**
- 09:10-09:40     **Topic 1: China Macroeconomic Situation Analysis and Outlook**  
[Guest Speaker: Wang Jingwen, Director of Macro Research Center, Research Institute of China Minsheng Bank](#)
- 09:40-10:00     **Topic 2: Global Supply-Demand Volatility**  
[Guest Speaker: Maura D Garvey, President of Intelligas Consulting USA](#)
- 10:00-10:30     **Topic 3: Hedging the Risks: Case Study Qatar**  
[Guest Speaker: Luke Manickam, Founder of LM INTELLIGAS Sdn Bhd Malaysia](#)
- 10:30-10:50     **Topic 4: Hedging the Risks: Case Study Russia**  
[Guest Speaker: TBC](#)
- 10:50-11:00     **Tea/ Coffee Break**
- 11:00-11:30     **Topic 5: Helium Supply, Storage, Sales, Trade and Research Situation and Outlook**  
[Guest Speaker: Wang Chunyan, Technical Expert of PetroChina Planning & Engineering Institute](#)
- 11:30-12:00     **Round Table Discussion on "Hedging the Risks in Helium Transitioning Market"**  
[Panelists \(TBC\): Yi Hua, Lev Kuznetsov, Dimitar Popcev, Chen Yukai, Luke Manickam](#)
- 12:00-13:30     **Lunch Break**

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## SCHEDULE

### Afternoon of June 5, 2024 (Wednesday)- Asia Helium and Rare Gas Session

- 13:30-14:00    **Topic 1: Helium Situation and Policy at Home and Abroad (TBC)**  
Guest Speaker: Information Center of Ministry of Natural Resources of the People's Republic of China
- 14:00-14:30    **Topic 2: Semiconductor Demand Outlook Focus on China, Japan, Korea & Taiwan**  
Guest Speaker: Danny Elzer, Senior Technology Analyst of Techcet CA LLC USA
- 14:30-15:00    **Topic 3: China Helium Extracting Technology and Helium Market Strategy**  
Guest Speaker: Yi Hua, General Manager of Inner Mongolia Xingsheng Natural Gas
- 15:00-15:30    **Topic 4: Russian Helium Logistics Transportation Solution**  
Guest Speaker: Zhou Luolan, VP of YIGAS Group China
- 15:30-15:40    **Topic 5: China Helium Pricing Data Services**  
Guest Speaker: Chen Yukai, Senior Industrial Gas Analyst of OilChem
- 15:40-16:10    **Topic 6: China Rare Gas Current Situation and Outlook**  
Guest Speaker: Chen Yukai, Senior Industrial Gas Analyst of OilChem
- 16:10-16:40    **Topic 7: China Krypton and Xenon Cost and Market Analysis**  
Guest Speaker: Sun Yi, Director of Non-liquid Product Management Department of Yingde Gases
- 16:40-17:00    **Topic 8: Rare Gas Topic (TBC)**  
Guest Speaker: TBC
- 17:10-17:30    **Topic 9: Global Natural Gas Market, China Supply and Demand Analysis**  
Guest Speaker: Yu Haohao, Senior Natural Gas Market Analyst of OilChem
- 18:00-20:00    **Dinner Banquet**

### June 6, 2024 (Thursday)

- 09:00-16:00    **Business Activities, Networking Opportunities, Guangzhou Must-see Attractions**



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## CONFIRMATION LETTER

Contact Information				
Name		Contact Tel		
Fax		E-mail		
Registration Information				
Company Name				
Business Nature	<input type="checkbox"/> Producers <input type="checkbox"/> Traders and Logistics Providers <input type="checkbox"/> Equipment Manufacturers <input type="checkbox"/> Consultation Services <input type="checkbox"/> Downstream / Retail Users <input type="checkbox"/> Midstream / Upstream Users <input type="checkbox"/> Others, _____			
Personal Information	Delegate			
Name				
Gender	<input type="checkbox"/> Male <input type="checkbox"/> Female			
Position				
Mobile				
Office Tel				
Email				
Room Reservation Information				
Need a Room Reservation	Yes <input type="checkbox"/> No <input type="checkbox"/>			
Room Categories	Number of Rooms	Check-in	Check-out	Remarks
Standard Room		4 June	6 June	
Reminder: In view of limited number of rooms, please confirm number of rooms in advance.				
Expenses Information				
Standard Fees	Asia Helium Conference 2024		US\$650 per person	
	Conference + Accommodation (2 nights with breakfasts) + Airport-Hotel Transfer		US\$900 per person	
Remittance Information	Account Name: Shandong Longzhong Information Technology Co., Ltd. Account Number: 1525 6114 0400 00838 Beneficiary Bank: Agricultural Bank of China Zibo High and New Technology Industry Developing Zone Branch SWIFT: ABOCCNBJ150 Bank Address: Floor 8, Block B, Advanced Ceramics Industry Innovation Park, Liuguan Road 125, High-New Zone, Zibo City, Shandong Province, China			

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## CONFERENCE AND HOTEL LOCATION



## Hilton Guangzhou Science City

**Address: 28 Ningcai Road | Central District Science City Guangzhou 510663 | China**

A full service 5 star hotel in Guangzhou, Hilton Guangzhou Science City is surrounded by mountains and forests. Transit stations, parks and shopping malls are within a five-minute walk and Baiyun International Airport is 45 minutes away. Enjoy our dining options and over 4700 sq. m. of event space. All rooms have a balcony, overlooking the mountain or pool.

## TRAVEL ROUTE



**Kexuecheng Subway Station:** Walking distance is 1.2km, about 17 minutes' walk  
**Xianggang Subway Station:** Walking distance is 1.4km, about 20 minutes' walk



**Baiyun International Airport:** Driving distance is 42.9km, about 44 minutes



**Shipai Station:** Driving distance is 13.1km, about 20 minutes  
**Guangzhou Dong Station:** Driving distance is 18.8km, about 28 minutes

## GUANGZHOU MUST SEE ATTRACTIONS

### Canton Tower



The Canton Tower, also known as Guangzhou TV Astronomical and Sightseeing Tower, is the landmark of Guangzhou City standing by the Pearl River in Zhujiang New Town. With 600 meters high, Canton Tower is the tallest sightseeing tower in China and the third tallest in the world. Reputed as "Slim Waist", "Twisted Firewood" and "Peak of the Ram City", Canton Tower offers you different, charming view both at daytime and at night.

Address: Yuejiangxi Road, Haizhu District, Guangzhou City

### Pearl River Night Cruise



The Pearl River Night Cruise is one of the "Top Eight Sights of Guangzhou". You can enjoy the fantastic night view of Guangzhou, see several historical buildings along the riverside as well as learn more about the culture of this city. The 50-90-minute cruise will bring you a memorable night.

Address: All Pearl River cruise terminals within the city

### Shangxiajiu Pedestrian Street



Shangxiajiu Pedestrian Street in Liwan District, Guangzhou, is one of the busiest commercial pedestrian streets in China. Located in the old town of Xiguan, the 1,218-meter-long street is lined with more than 300 shops. The street is also a mixed showcase of architecture, cuisine and folk customs. Its architecture features characteristics of both southern European and Cantonese styles.

Address: Located between Shangjiu Road, Xiajiu Road and Dishifu Road, Liwan District, Guangzhou City

### Chimelong Safari Park



As a part of Chimelong Tourist Resort, Chimelong Safari Park in Guangzhou is regarded as the best safari park in China. Also, it is the largest safari park in the world with the most species of wild animals. Chimelong Safari Park features self-drive tour and stocking-type safari park in China, which makes the tourist feel like they are in the real-life wild environment and see the real wild animals.

Address: East to Hanxi Avenue, Panyu District, Guangzhou City

### Baiyun Mountain



Baiyun Mountain, also known as White Cloud Mountain, with an altitude of 427 meters, is a mountain located in the northeast of Guangzhou about 10 kilometers away. Famous for its greenery, Baiyun Mountain is reputed as "First Beauty in Guangzhou", "City's Lung", or the "Most Famous Mountain in South of Ling". Its highest peak - Moxing Peak is similarly sometimes called the "First Peak under the Southern Sky". Cable cars are available to go up and down and if you prefer to hike, it may need about 2 hours up.

Address: Guangyuanzhong Road, Baiyun District, Guangzhou City

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## GUANGZHOU MUST SAVOR CUISINES



**Morning Tea  
in Guangzhou**

Guangzhou's morning tea has a wide variety of choices. Among them, the most representative one is Cantonese dim sum, which is famous for its exquisite shape, rich taste and unique flavor in the world. Besides dim sum, there are also various tea drinks. When drinking morning tea, people can enjoy the food while chatting and communicating, enjoying the leisure time.



**Cantonese  
Barbecue**

Cantonese barbecue is a unique blend of Chinese and Western barbecue. Barbecued pork, roasted goose, roast duck, roast pig are classic dishes of Cantonese barbecue. Besides, "Shenjing Roasted Goose" and "Chenji Roasted Goose" are two traditional restaurants of Cantonese barbecue.



**Guangzhou  
Beef Hotpot**

Guangzhou beef hotpot is famous for its tender beef and rich condiment. Tender and juicy beef slices are served with barbecue sauce, hoisin sauce and other condiment, leaving an endless aftertaste. When you enjoy the beef hot pot, you can also taste a bowl of steaming beef noodles.



**Glutinous Rice  
Chicken**

Glutinous rice, chicken, roast meat, spareribs, salted egg yolk, and mushroom are wrapped with lotus leaf and steamed until done. The Glutinous Rice Chicken is full of the fragrance of lotus leaf.

People in Guangzhou have been enjoying this soup for ages as a way to cope with the hot and humid climate in the Lingnan area and to remove internal humidity. The right ingredients can be obtained, properly mixed, and simmered for a sufficient number of hours.



**Sweet and Sour Pork**

Sweet and sour pork is one of the famous traditional dishes in Guangzhou. To make this dish, you need to cut pork into small pieces and fry it until golden brown, then add pineapple, red pepper and other ingredients to cook a sweet and sour sauce. This dish has a unique taste and is very popular among Guangzhou people.



**Wonton Noodles**

Wonton made with chopped prawns, ground meat, mushroom and cooked with thin noodles in supreme broth, is one of one of the traditional snacks that Guangzhou people like very much.

**Slow-Cooked Soup**



**In this vibrant and historic city, one can enjoy the food, the scenery, or a visit to the zoo. If you have not been to Guangzhou, sign-up for Asia Helium Conference 2024! I believe you will love this city!**