

The background of the entire page is a vibrant nighttime photograph of a fireworks display. The fireworks are in various colors, including purple, blue, and white, exploding against a dark sky. In the foreground, there is a large, modern architectural structure with a complex, perforated facade. The structure is illuminated with warm, golden-yellow lights, and its surface is covered in a grid of small, glowing points. The overall scene is festive and celebratory.

**第十九届国际烟花论坛**

**醴陵，中国**

**19<sup>th</sup> International  
Symposium on Fireworks**

**April 21-25, 2025**

**Liling, China**

**PROGRAM**

19<sup>th</sup>  
International  
Symposium on  
Fireworks

## 第十九届国际烟花论坛

2025年4月21日 - 25日 中国·醴陵  
April 21-25 . 2025 China · LiLing



## Hunan Kefu Fireworks Group Co., Ltd.

Hunan Kefu Fireworks Group Co., Ltd was established in 1999. It is located in Ti tian Town, Liling City, the hometown of Li tian, the founder of fireworks. We have 25 years of experience in this industry.

We have six production base-1.6 million square meters.  
Total 28 fireworks production lines and more than 2000 members, capacity 12 million cartons per year.  
We are one of the largest fireworks industry company in China.

### Product Variety Complete

- Batterys
- Fountains
- Roman candles
- Sparklers
- Spinners
- Novelty's

### Support we can give

- High cost-effective
- Fast delivery date
- Stable quality
- Strong productive capability
- Strong storage capacity



联系我们

<https://kefuhuapao.com>

Tel: (86) 731-23737777

E-mail: maggieliu@kefuhuapao.com

Add: 7th Floor Vienna Hotel Liling Avenue Liling city Hunan Province China

Fax: (86) 731-23737777

WhatsApp: 86 13007331360



## Exhibitors Name List at Hall #1

Fascia Name Sign	Country	Hall No-	Booth No.
BOBO FIREWORKS GROUP	China	#1-	A02
BRIGHT PYROTECHNIC	China	#1-	C17
Brothers Pyrotechnics Inc.	China	#1-	B14
Capstone Advanced Pyrotechnics Co.	China	#1-	A32
Champion Fireworks	China	#1-	C06
Chili Fireworks	China	#1-	A15
Chili Fireworks	China	#1-	A16
China Galaxy Pyrotechnics Co.	China	#1-	A28
China Pyrostar Fireworks Co. Ltd.	China	#1-	A23
China Pyrostar Fireworks Co. Ltd.	China	#1-	A24
China Skysong Fireworks Co.	China	#1-	C11
China Skysong Fireworks Co.	China	#1-	C12
Chinasky Pyrotechnics Ltd.	China	#1-	C07
Dingwang Fireworks	China	#1-	D27
DOMINATOR FIREWORKS	China	#1-	A09
DOMINATOR FIREWORKS	China	#1-	A10
Donsun Fireworks Trading Co.	China	#1-	E25
Finale Fireworks	USA	#1-	D09
Finale Fireworks	USA	#1-	D10
Finale Fireworks	USA	#1-	D25
Finale Fireworks	USA	#1-	D26
FireTEK	Romania	#1-	E09
Fisherman Pyrotechnics Inc.	China	#1-	A01
Galaxis Showtechnik GmbH	Germany	#1-	E19
Galaxis Showtechnik GmbH	Germany	#1-	E20
Galaxis Showtechnik GmbH	Germany	#1-	E21
Glorious Celebration Fireworks	China	#1-	A22
Guangzhou RFRemotech Electronic Technology Co.	China	#1-	B01
Hengda Fireworks	China	#1-	C13
Hepu County Liuyin Fireworks Sales Co.	China	#1-	D05
Hunan Lai Jichang Management	China	#1-	F26
Hunan Lai Jichang Management	China	#1-	F27
Hunan Lai Jichang Management	China	#1-	F28
Hunan Lai Jichang Management	China	#1-	F29
Hunan Liuyang Mandarin Fireworks Co.	China	#1-	E27
Hunan Maike Trading Co. Ltd.	China	#1-	C24
Hunan Maike Trading Co. Ltd.	China	#1-	C23
Hunan Qipai Fireworks	China	#1-	F17
HUNAN VANGUARD BUSINESS DEVELOPMENT CO.	China	#1-	C10
ISFS	China	#1-	F30
ISHOT Asia	China	#1-	F09
Jiangxi ChengPin Technical Service Co.	China	#1-	C22
Jiangxi Flourish Fireworks Co.	China	#1-	B27
Jiangxi Flourish Fireworks Co.	China	#1-	B28
Jiangxi Lidu Fireworks Co.	China	#1-	B29
Jiangxi Panda Fireworks Co.	China	#1-	B11
Jiangxi Panda Fireworks Co.	China	#1-	B12
JIANGXI YANGFENG ART FIREWORKS DISPLAY CO.	China	#1-	A04
JIANGXI YANGFENG FIREWORKS MANUFACTURING CO.	China	#1-	A03

## Exhibitors Name List at Hall #1

Fascia Name Sign	Country	Hall No-	Booth No.
Kepeng Import & Export Trading	China	#1-	A18
LIGAO FIREWORKS	China	#1-	A17
Liling Caifeng Fireworks	China	#1-	E11
Liling Chu Feng Export	China	#1-	F18
Liling Jinxing Fireworks	China	#1-	C29
Liling Mingxing Export	China	#1-	F22
Liling WinWin Fireworks Trading Co.	China	#1-	A19
Linli Fireworks Commerce	China	#1-	D12
Linli Fireworks Commerce	China	#1-	D13
Linli Fireworks Commerce	China	#1-	D29
Lion Technology	China	#1-	E22
Liuyang Aurora Fireworks Export Co.	China	#1-	C01
Liuyang Broad Fireworks Co.	China	#1-	B19
Liuyang Chuangmei Fireworks Trade Co.	China	#1-	A27
Liuyang Dancing Trading Cooperation	China	#1-	A25
Liuyang Dancing Trading Cooperation	China	#1-	A26
Liuyang Dreamwork Fireworks Production and Display Co.	China	#1-	B18
Liuyang East Coast Silk Road Engineering Co.	China	#1-	B23
Liuyang East Coast Silk Road Engineering Co.	China	#1-	B24
Liuyang Fireworks Ltd.	China	#1-	A05
Liuyang Great Wall Fireworks Co.	China	#1-	C14
Liuyang Guandu Fireworks Trading Co.	China	#1-	E26
Liuyang Happiness Firing Systems Co.	China	#1-	A20
Liuyang Happy Fireworks Export Trade Co. Ltd.	China	#1-	B07
Liuyang Happy Fireworks Export Trade Co. Ltd.	China	#1-	B08
Liuyang Hengtai Fireworks Trading Co.	China	#1-	B09
Liuyang Hengtai Fireworks Trading Co.	China	#1-	B10
Liuyang Hengtai Fireworks Trading Co.	China	#1-	B25
Liuyang Hengtai Fireworks Trading Co.	China	#1-	B26
Liuyang Holle Fireworks Co.	China	#1-	D01
Liuyang Holle Fireworks Co.	China	#1-	D02
Liuyang Intently Fireworks Display Co.	China	#1-	A13
Liuyang Intently Fireworks Display Co.	China	#1-	A14
Liuyang Iron Man Fireworks Co.	China	#1-	C03
Liuyang Jeeton Fireworks Group	China	#1-	C25
Liuyang Jeeton Fireworks Group	China	#1-	C26
Liuyang Jinxiang Fireworks Co. Ltd.	China	#1-	E23
Liuyang Jinxiang Fireworks Co. Ltd.	China	#1-	E24
Liuyang Lingcheng Technology Co.	China	#1-	D28
Liuyang Master Fireworks Co.	China	#1-	B21
Liuyang Master Fireworks Co.	China	#1-	B22
LIUYANG MIRACLE IMPORT AND EXPORT TRADING CO.	China	#1-	D06
LIUYANG NEW YEAR FIREWORKS	China	#1-	A06
Liuyang Polaris Fireworks Co.	China	#1-	D04
Liuyang Polaris Fireworks Co.	China	#1-	D20
Liuyang Pyrosky Import and Export Trading Co.	China	#1-	C02
Liuyang Stageli Technology Co.	China	#1-	D22
Liuyang Sunlong Fireworks Trading Co.	China	#1-	B20
Liuyang Sunrise Import & Export Trade Co.	China	#1-	F23

## Exhibitors Name List at Hall #1

Fascia Name Sign	Country	Hall No-	Booth No.
Liuyang Supreme Fireworks Trade Co.	China	#1-	D17
Liuyang Top-Pyro Mfg. Co.	China	#1-	B17
Liuyang Yihelong Trade Co.	China	#1-	C08
MainFX	Belarus	#1-	D30
MicroMultiCopter Innovation Technology Co.	China	#1-	D07
Monetti SRL	Italy	#1-	F11
Nanchang Fireworks	China	#1-	D08
Parente Fireworks Group	Italy	#1-	F25
Pingxiang Chinastar Import & Export Co.	China	#1-	E10
Pyro Planet International Inc.	China	#1-	B03
Pyro Planet International Inc.	China	#1-	B04
Pyroally Import & Export Co.	China	#1-	F10
Pyrojoy	China	#1-	F08
Pyroshine Fireworks	China	#1-	B06
RAY FIREWORKS	China	#1-	C27
Red Lantern Fireworks	China	#1-	C04
Red Lantern Fireworks	China	#1-	C05
Red Lantern Fireworks	China	#1-	C20
Red Lantern Fireworks	China	#1-	C21
Shangli Fireworks and Firecrackers Industry Service Center	China	#1-	E01
Shangli Fireworks and Firecrackers Industry Service Center	China	#1-	E02
Shangli Fireworks and Firecrackers Industry Service Center	China	#1-	E17
Shangli Fireworks and Firecrackers Industry Service Center	China	#1-	E18
Shangli Hongtai Export Fireworks Factory	China	#1-	D21
Shangli Qianhong Fireworks Trading	China	#1-	C28
Shangli Wanduo Import and Export Co.	China	#1-	C09
Shenzhen Yuzhouyun Technology Co.	China	#1-	D18
Showven Technologies Co.	China	#1-	D23
Showven Technologies Co.	China	#1-	D24
Smartech	Italy	#1-	F24
SOS Technology Co. Ltd.	China	#1-	B05
SPARK FABRICA	Canada	#1-	A08
Sunny-Jingtai Fireworks Co.	USA	#1-	D19
SUNSONG FIREWORKS & LEGEND FIREWORKS	China	#1-	A21
SUNWING FIREWORKS	Canada	#1-	A07
Superfireworks Co.	China	#1-	E07
Suzhou Rainbow Arts and Crafts Co.	China	#1-	B02
Tian Cheng Pyrotechnics Laboratory	China	#1-	C18
Verge Aero	USA	#1-	E08
Wanzai Fireworks General Chamber of Commerce	China	#1-	B15
Wanzai Fireworks General Chamber of Commerce	China	#1-	B16
Wanzai Fireworks General Chamber of Commerce	China	#1-	B31
Wanzai Fireworks General Chamber of Commerce	China	#1-	B32
Wanzi Huixinyuan Display Shell Manufacturing Co.	China	#1-	D11
XP Fireworks	China	#1-	B13
Zhongzhou Fireworks	China	#1-	A29
Zhongzhou Fireworks	China	#1-	A30
Zhongzhou Fireworks	China	#1-	A31

## THE 19<sup>TH</sup> INTERNATIONAL SYMPOSIUM ON FIREWORKS COMMITTEE

### ***Chairman***

Andrew Tang, ISF Chairman

### ***Honorary chairman***

Liuhui Chen, President of Liling Chamber of Fireworks Commerce and President of Kefu Fireworks

### **Technical Program Co-Chairmen**

Andrew Tang

Tian Cheng Pyrotechnics Laboratory, China

Kelvin Li

Chili Fireworks, China

### ***Symposium Secretary/Treasurer***

Roger L. Schneider

Rho Sigma Associates Inc., USA

### ***Presentation Audio-Visual Coordinators***

Mitsuru Arai

Asian Section Director, Japan

### ***Moderated Sessions Coordinators***

Jorge Mauro Márquez Márquez

Mexico and South America Section Director, Mexico

### ***Proceedings Editor***

Ettore Contestabile

ec Blast Consulting, Canada

### ***Associate Proceeding Editors***

Roger L.Schneider, PhD

Rho Sigma Associates Inc., USA

Andrew Tang

Tian Cheng Pyrotechnics Laboratory, China

Paul Csukassy

Canada and North America Section Director

Jorge Mauro Márquez Márquez

Mexico and South America Section Director

Mitsuru Arai, PhD

Asian Section Director

### ***Liling ISF Host Committee***

Head of Committee – WANG LiBo, Secretary General of Liling City

Executive member – LIU XinHua, Mayor of Liling City

Members –

YANG Jian, Executive vice Secretary General of Liling City

ZHANG YouYu, Liling Fireworks Development and Research Center

CHEN LiuHui, President of Liling Fireworks Commerce Chamber

Kelvin LI, vice President of Liling Fireworks Commerce Chamber

### ***Directors, International Symposium on Fireworks Society, Ltd (ISFS, Ltd)***

Ettore Contestabile, **President**

Roger L. Schneider, **VP and Secretary**

Andre Tang, **VP and Treasurer**

Mitsuru Arai, **VP and Asian Section Director**

Jorge Mauro Márquez Márquez, VP and Mexico and South America Section Director

Maude Furtado, VP and Canada and North America Section Director

Paul Cukassy, VP and Canada and North America Section Director

## Symposium Week-at-a-Glance

April 21 - 25, 2025

	Sunday 20	Monday 21	Tuesday 22	Wednesday 23	Thursday 24	Friday 25
	Trade Show Setting in the morning	Trade Show 展览馆	Trade Show 展览馆	Trade Show 展览馆	Trade Show 展览馆	Trade Show 展览馆
		Until 17:00	Until 17:00	Until 12:00	Until 12:00	Until 12:00
8:30	Registration 报到	Opening Ceremony (Outdoor)	Session 演示 4	Moderated Session I	Session 演示 10	Session 演示 14
9:00		Presentation 演示 Hall #4	Coffee Break 小休	Coffee Break 小休	Coffee Break 小休	Coffee Break 小休
9:30		Session 演示 1	Session 演示 5	Moderated Session II	Session 演示 11	Session 演示 15
10:00		Lunch 午餐	Lunch 午餐	Close	Lunch 午餐	Announcement of next ISF & Closing
12:00		Session 演示 2	Session 演示 6	Activities: Visit factories and fireworks technical school. Option A & B 參觀 A 或 B 组	Session 演示 12	Close
15:00		Coffee Break 小休	Coffee Break 小休		Coffee Break 小休	
15:30		Session 演示 3	Session 演示 7 Workshop - Small/City Fireworks		Session 演示 13	
16:00						
16:30						
17:00		Close	Close	Close		Close
18:00	Welcome Reception 欢迎酒會	Welcome Banquet host by LHC 欢迎晚宴	Liling Folk Dance Performance in City Center	Fireworks Display at Taozi Lake	Gala Dinner (Option) (購票) 闭幕晚宴	
19:00					Fireworks Dis- play at Taozi Lake	
20:00						

Note:

- (i) Welcome Reception detail refer to page after schedule.
- (ii) Moderated Sessions are split into Sessions I and II, which contain the same topics. Moderators will be able to conduct their sessions in more than one language.

## Honorary Chairman Greetings

Mr Liuhui Chen



### Introducing the 19th International Symposium on Fireworks

When the fireworks meet modern civilization and traditional craftsmanship blends with scientific and technological innovation, in this beautiful mid - spring moment, we will gather together to witness the grand opening of the 19th International Symposium on fireworks. As one of the most authoritative events in the global fireworks industry, the holding of this Symposium is not only a heartfelt tribute to Liling Fireworks Culture, but also an important guide for the future development of the global fireworks industry. on behalf of the Symposium Organizing Committee, I would like to extend my warmest greetings and heartfelt gratitude to all colleagues who care about and support the development of the fireworks industry!

The group of International Symposium on Fireworks, as the only international organization in the global fireworks industry, it is known as the “Davos” of the fireworks world. This International symposium has attracted experts and scholars from more than 60 countries and regions around the world, and a total of more than 70 papers covering various fields of the fireworks industry have been submitted. These papers encapsulate the latest research achievements of the industry, providing valuable theoretical support and practical guidance for the sustainable development of the fireworks industry. Through in - depth paper exchanges, we will jointly explore the safety, environmental protection, artistry and technological innovation of the fireworks industry, driving the industry to a higher level and writing a new chapter in the fireworks industry.

Liling, an ancient city steeped in a thousand years of history, is not only the hometown of Li Tian, the ancestor of fireworks, but also the birthplace of Chinese fireworks. With over 1,400 years of fireworks-making history, Liling is endowed with profound cultural heritage and exquisite craftsmanship. Today, with its comprehensive industrial system and exceptional product quality, Liling has become one of the largest fireworks and firecracker production bases in China. Liling fireworks, with their outstanding quality and profound cultural connotations, has long been a shining gem in the global fireworks industry. As the birthplace of Chinese fireworks, Liling is home to 176 fireworks and firecracker production enterprises, and its products exported to more than 80 countries around the world. The selection of Liling as the venue for this International Symposium Forum is not only the highest compliment to the fireworks culture of this ancient city, but also injects new vitality into the prosperity and development of the global fireworks industry. Through this international platform, we will showcase the unique charm of Liling fireworks to the world, promote the globalization of the fireworks industry, facilitate in-depth cross-cultural exchanges and industrial cooperation, allowing the magnificent flower of fireworks culture to bloom all over the world.

This forum, with the theme of “Millennial Liling Fireworks, Blooming Around the World”, has carefully planned 29 fascinating and interesting activities, including exhibitions, banquets, conferences, fireworks displays and paper exchanges. We strive to comprehensively showcase the cultural heritage and industrial strength of Liling Fireworks through diverse activity forms. At the same time, we focus on innovation and integration, skillfully combining elements such as ceramic culture,

food festivals, and trendy experiences to create an international event that integrates culture, technology, and art. In particular, the five major fireworks displays will present a stunning visual and cultural feast for global guests.

Finally, we sincerely welcome friends from all over the world to visit Liling and witness this historic moment together. We will provide thoughtful services to every guest with the greatest enthusiasm and sincerity to ensure the complete success of this event. Let us join hands to contribute our wisdom and strength, to the sustainable and healthy development of the fireworks industry, and to the inheritance and promotion of fireworks culture!

Liuhui Chen

April 2025

### 第十九届国际烟花论坛期刊致辞

千年花火与现代文明相遇，传统技艺与科技创新交融，在这美好的仲春时刻，我们将齐聚一堂，迎来第 19 届国际烟花论坛的盛大启幕。作为全球烟花产业最具权威性的盛会之一，本届论坛的举办不仅是对醴陵花炮文化的深情礼赞，更是对全球烟花产业未来发展的一次重要引领。在此，我谨代表论坛组委会，向所有关心、支持烟花产业发展的同仁致以最诚挚的问候与衷心的感谢！

国际烟花论坛学会作为全球烟花行业唯一的国际性组织，其主办的论坛被誉为烟花界的“达沃斯”。本届论坛吸引了来自全球 60 个国家和地区的专家学者，共提交了 51 篇涵盖烟花产业各个领域的论文。这些论文凝聚了行业的最新研究成果，为烟花产业的可持续发展提供了宝贵的理论支撑与实践指导。通过深入的论文交流，我们将共同探讨烟花产业的安全、环保、艺术性与技术创新，推动行业迈向更高水平，书写烟花产业的新篇章。

醴陵，这座浸润着千年历史芬芳的古城，不仅是花炮祖师李畋的故里，更是中国烟花的发祥之地。1400 余年的花炮制作历史，赋予了醴陵深厚的文化底蕴与精湛的工艺传承。如今，醴陵以其完备的产业体系和卓越的产品品质，成为中国最大的烟花爆竹生产基地之一。醴陵花炮，以其卓越的品质与深厚的文化内涵，早已成为全球烟花行业的一颗璀璨明珠。作为中国烟花的发源地，醴陵拥有 176 家烟花爆竹生产企业，产品远销全球 80 多个国家和地区。此次国际烟花论坛选址醴陵，既是对这座古城花炮文化的至高褒奖，也为全球烟花产业的繁荣发展注入了新的活力。通过这一国际性平台，我们将向世界展示醴陵花炮的独特魅力，推动烟花产业的全球化进程，促进跨文化的深度交流与产业合作，让烟花文化的绚烂之花在世界各地绽放。

本届论坛以“千年醴花，绽放世界”为主题，精心策划了 29 项丰富多彩的活动，包括展览、宴会、会议、焰火燃放和论文交流等。我们力求通过多样化的活动形式，全面展现醴陵花炮的文化底蕴与产业实力。同时，我们注重创新与融合，将陶瓷文化、美食节、潮玩体验等元素巧妙结合，打造一场集文化、科技、艺术于一体的国际盛会。特别是五大焰火燃放活动，将以震撼的视觉效果和深厚的文化内涵，为全球嘉宾呈现一场无与伦比的视听盛宴。

最后，我们诚挚欢迎全世界的朋友莅临醴陵，共同见证这一历史性时刻。我们将以最大的热情与诚意，为每一位嘉宾提供周到的服务，确保本次活动圆满成功。让我们携手并肩，为推动烟花产业的持续健康发展，为传承与弘扬烟花文化，贡献我们的智慧与力量！

陈留辉

2025 年 4 月

## Registration

Registration for the 19<sup>th</sup> International Symposium on Fireworks includes entry to welcome receptions, meals and refreshment breaks, all technical sessions (paper presentations), workshops, and full access to the Trade Show, and all events and activities organized by the Liling Host Committee (LHC).

Registrants will receive a distinctive attendee bag, both a printed copy of the 19<sup>th</sup> ISF Liling Proceedings and a Program booklet. The Proceeding is a compilation of the scientific, cultural, artistic and technical papers presented at the presentation hall, and other promotional materials supplied by sponsors and advertisers.



## Trade Show

Exhibition will open each day at 9:00 Monday to Friday, and will close at the same time as the technical sessions. Attendees are strongly encouraged to visit our outstanding exhibitors and discuss their products and services. There are tea and snack service once in the morning tea break time and one in the afternoon tea break time. The exhibitors' participation is a highly welcome and necessary part of the Symposium. With sponsorship of LHC, visiting trade show area is free for the 19<sup>th</sup> ISF Liling. Highly recommending to go in and explore your own interest.

## Presentation

The regular presentation is extended from oral presentation to poster presentation. Due to time constrain, there is limited time for all papers presenting in front of attendees. For those unselected papers only can be accessed in the Proceeding. There is a poster presentation in front of the presenting hall #4. Attendees can access its appearance and have an opportunity to discuss with authors.

As usual there are workshop and moderated session as different form of discussion. Hope all of these are interest to all attendees.



## SYMPOSIUM PROGRAM SCHEDULE

**MONDAY: April 21**

**8:30 Official Opening (Outdoor)**

ISF Chairman: *Andrew Tang*

Honorary Chairman: *Liuhui Chen*, President of Liling Chamber of Fireworks Commerce,  
President of Kefu Fireworks, Liling

Co-Chairman: *Kelvin Li* President Chili Fireworks, Liling

***Introduction by Chairman***

**Session 1**

Session Chairperson: *Kelvin Li*, President of Chili Fireworks Group, China



**10:00 Exploration of the Development Path of Liling Fireworks Industry from the Perspective of AI Empowerment and Cultural Inheritance Study of Chinese Traditional Fireworks – Zou Lan, Wang Xiaohong**, Liling Research Center for the Development of Fireworks and Firecrackers, Liling, Hunan, China

**10:30 From Ritual to Revenue A Comparative Study of Cultural Identity and Tourism Impact in Four Global Fireworks Festivals – (Billie) Wang Yanyun**, Hunan Jiayexing International Expo Co., Ltd, Changsha, China

**11:00 Study for Safety Assessment of Large-scale Fireworks Display - Shixing Ouyang**, Liuyang Ouyang Technology Trade Co., Ltd, Liuyang, China

**11:30 Best Practice for Quality Assurance of Consumer Fireworks – Christian Schragen and Ralph Dellmann**, WECO Pyrotechnische Fabrik GmbH, Eitorf/Sieg, Germany

**12:00 LUNCH**

**Session 2**

Session Chairperson: *Pierre Thebault*, Co-convenor of CEN/TC 212 WG2, Etienne Lacroix Tous Artifices S.A., France

**13:30 Single-Shot Rack Optimizations – Will Harvey**, Finale Fireworks, USA

**14:00 Digital Empowerment in the Development of Fireworks Displays Technology - Yang Lin, Huang Chaxiang, and Chen Jie**, Hunan Quality Inspection and Testing Center for Fireworks, Liuyang, Hunan, China

**14:30 Applications of Spectroscopy in Fireworks Effects – Aaron Orland**, National Fireworks Association, Pittsburg, USA, Yi Wei Shan, Changsha QianZi Fireworks Manufacture, Ltd., China, and *Li Qiubo*, Changsha QianZi Fireworks Manufacture, Ltd. China

## **15:00 BREAK**

### **Session 3**

Session Chairperson: *Huang Juzi*, CEO of Hunan Xinmei Fireworks Factory, Liling, China

**15:30 Research on the Digital Empowerment for the Transformation and Upgrading of the Fireworks and Firecrackers Industry in Shangli County** – *Li Zhimeng, Ying Jun, and Yi Yongren*, Shangli, Pingxiang, Jiangxi Province, China

**16:00 Galatian Pyrotechnic Accident Root Analysis** – *Paco Francesc Lleches Barber*, IDELAB Ingeniería SL, Valencia, Spain

**16:30 Analysis and Control of Risks in Fireworks Retail Stores (Outlets)** – *Lan Zegang*, Sichuan Fireworks and Firecrackers Safety Supervision and Quality Inspection Station, Nanchong, Sichuan Province, China

## **CLOSE**

## **TUESDAY: April 22**

### **Session 4**

Session Chairperson: *Yukie*, Liling Fireworks & Porcelain Exposition Trainer, Liling, China

**8:30 The Impact of Self-Media and Live Streaming on the Fireworks and Firecrackers Industry** – *Zhang Yaochuan, Wang Dongke, Huang Liang, and Ou Daihong*, Liuyang Dapeng Artistic Fireworks Display Co., Ltd., Liuyang, Hunan, China

**9:00 Research on a New and Safer Process for Loading Burst Charge into Fireworks Inner Tubes** – *Zeng Ming*, Huixinyuan Fireworks Manufacturing Co., Ltd., China and *Wang Xiaocheng*, Wanzai Fireworks and Firecrackers Technology Association, Wanzai, China

**9:30 Strategies to Mitigate the Negative Effects of Smoke during a Musical Fireworks Display** – *Qiyuan Xiao and Wei Guangming*, Liuyang Jingduan New Art Display Co., Ltd., Liuyang, Hunan, China

## **10:00 BREAK**

### **Session 5**

Session Chairperson: *Nir Haimov*, CEO of Tamar Group, Israel

**10:30 Interpretation of the Latest EU Technical Trade Measures for Consumer Fireworks -**  
*Jiang Zicheng, Liu Zhenghua, Chen Lili, and Peng Ding*, Changsha Customs Technology Centre,  
Changsha, Hunan, China

**11:00 The Internationalization of Omagari Hanabi Facilitated by the International Symposium on Fireworks and Diverse Initiatives Promoting Development of the Fireworks Industry**  
- *Yasushi Saito*, Omagari Hanabi Steering Committee Chairman, Daisen, Akita, Japan

**11:30 In the Light of Fireworks, A Journey Through History and Arts –** *Zeng Ming and Sophie Poirier*, Fireworks B&B Ltd., Wanzai, Jiangxi, China

## **12:00 LUNCH**

### **Session 6**

Session Chairperson: *Elva*, Liling Factory Ltd., Hunan, China

**13:30 Experimental Study on the Initial Launch Velocity of Aerial Shells and the Scattering of Pyrotechnic Stars -** *Du Zhiming*, State Key Laboratory of Explosion Science and Technology, Beijing Institute of Technology, China, *Li Zengyi*, Beijing Fireworks Quality Supervision and Inspection Station, China, and *Li Chuang*, Hebei Shenggu Fireworks Manufacturing Co., Ltd., China

**14:00 A Probe into the Interdependence Between the Simulation of Creative Design for Pyrotechnic Displays and the Actual Display Arrangement -** *Yan Songhua, He Lihui, and Jiang Heng*, Liuyang Fireworks and Firecrackers Technical Association, Liuyang, Hunan, China

**14:30 Fault Diagnosis of Fireworks and Firecrackers Production Machinery Based on Neural Networks -** *Jin Yongshuang*, Jiangsu Yude Deyan Intelligent Technology Co., Ltd, Changzhou, Jiangsu, China

## **15:00 BREAK**

### **Session 7**

Session Chairperson: TBD

15:30 WORKSHOP – Small / City Fireworks

17:00

**CLOSE**

## **WEDNESDAY: April 24**

### **Session 8**

Session Chairperson: *Maude Furtado*, Director of ISFS Ltd., Canada

#### **8:30 Moderated Session 1**

#### **10:00 BREAK**

### **Session 9**

Session Chairperson: *Paul Csukassy*, Director of ISFS Ltd., Canada

#### **10:30 Moderated Session 2**

Each of the moderated session topics listed below will be assigned to a designated table. The number of participants at each table will be limited. Symposium attendees wishing to take part in the discussion of a particular topic will be required to register with the respective moderator. This should be done prior to 9:00 on Wednesday.

Each topic will be presented for discussion in two separate, 45-minute sessions, with a break between. This will provide participants the opportunity to attend two different topics, if they wish. Note that translation services will not be available for the moderated sessions; however, some moderators can converse in more than one language.

### **Topics and Moderators**

1. Application of the United Nations Default Classification for Fireworks and Firecrackers and the Suggestions for Improvement - *Liu Jieguang*
2. Safety Concerns Behind the Prosperity of Fireworks Displays in the Year of the Dragon and Strategies for Breaking the Deadlock - *Li Dezhao*
3. A Planar Display Scheme for Fireworks Effects - *Tong Zhou*, Liling Hope Fireworks Trading Co., Ltd., Liling, China
4. Multi-factor Causal Analysis of Fireworks Accidents and the Construction of the Prevention System - *Liang Jie*
5. Analysis of the Causes of Fireworks and Firecracker Accidents and Measures for Prevention - *Yang Wei*



6. Pathway for High-Quality Development of Lilings Pyrotechnics Industry - *Shu Hongqing*
7. Research on Prevention Strategies against Mechanical Accidents in Fireworks and Firecrackers Production - *Tang Bingxiang*
8. On the Implementation of Safety Management in the Fireworks and Firecrackers Industry - *Li Yanping*
9. A Concise Exploration of New Research Directions in the International Standard Guidelines for Close - range Fireworks Display – *Zhu Yuping*
10. Study on the Water-Cleaning Process for Firecracker Charging Machine - *Zhao Fangping*
11. Diversification of Fireworks-Themed Cultural Tourism A Case Study of Huangmao Fireworks Town - *Chen Yuantong*
12. On the Safe Operation of a Chemical Sedimentation Tank in a Fireworks Enterprise - *Li Huaxi*
13. The Mission of the Development of the Excellent Traditional Fireworks and Firecracker Culture - *Li Cunhua*
14. Blast Pressure Measurements of Consumer Fireworks Shells – *Aaron Orland*



**12:00 CLOSE – Free Afternoon**

**THURSDAY: April 25**

**Session 10**

Session Chairperson: *Zeng Ming*, President of Huixinyuan Fireworks Manufacturing Co.Ltd., Hunan, China

**8:30 An Analytical Exploration of the Integration of Fireworks and Firecrackers Industry with Information Technology – *Wu Qian*, Liling Fireworks and Firecrackers Development Research Center, Liling, Hunan, China**

**9:00 On the Inevitable Trajectory and Solutions of Automation and Intelligientialization in Firecrackers Production - *Chen Liuhui*, Kefu Fireworks Industry Ltd., Liling, Hunan, China**

9:30 **Best practice to achieve a good product quality for fireworks imported by a European manufacturer** - *Both Carsten*, NICO Europe GmbH Nikolaus-Otto Straße 4, 22946 Trittau, Germany

## 10:00 BREAK

### Session 11

Session Chairperson: *Aaron Orland*, Ph.D. National Fireworks Association, USA

10:30 **On the Application of UAV Infrared-Visible Light Technology in Fire Risk Control** - *Jiang Zicheng, Xu Wei, He Peng, Peng Ding, Chen Lili*, Technology Center of Changsha Customs, Changsha, Hunan, China, *Xia Yin*, Changsha Customs, Changsha, Hunan, China, *Tan Xin*, and *Liu Biao*, Data Sub-center of Changsha Customs, Changsha, Hunan, China

11:00 **Testing and Optimization of the Work Capacity of Civilian Pyrotechnic Burst Charge** – *Huang Pu, Zhang Guangwu, Huang Weizhen*, Liuyang Xinli Environmental Protection Technology Co., Ltd., Liuyang, Hunan, China, *Xie Qiang* and *Liu Lei*, Anhui University of Science and Technology, Huainan, Anhui, China

11:30 **Prospects of the Digital Transformation and Upgrading of the Fireworks and Firecrackers Industry Empowered by Light MES System A Case Study** - *Zhu Bin and Li Yi*, Chili Firecrackers and Fireworks Co., Ltd., Liling, Hunan, China

## 12:00 LUNCH

### Session 12

Session Chairperson: *David Chen*, Professional display Expert of Svea Ltd., Liuyang, China

13:30 **Analysis of Causes and Preventive Measures for Explosion Accidents in Fireworks and Firecrackers Production Enterprises** - *Lan Zeigang*, Sichuan Fireworks Safety Supervision & Quality Inspection Station, Nanchong, Sichuan, China

14:00 **A Probe into the Changes in Output Value and Regional Disparities** - *Li Gaofeng*, Hunan Yizhang Hongpao Technology Co., Ltd., Hunan, China, *Zhou Junhua*, China Communist Youth League Committee of Yizhang, China, and *Li Pingkang*, Anker Innovations Technology Co., Ltd., Yizhang County, Chenzhou, Hunan, China

14:30 **A Simulation Study of the Effects of Truss on the Performance of Wireless Pyrotechnical Firing Systems** – *Simon Sernemyr*, SG5 SFX and Engineering AB, Sweden

## 15:00 BREAK

### **Session 13**

Session Chairperson: *Richard Tarr*, Ph.D., American Pyrotechnic Association, USA

15:30 **Advances in Green Pyrotechnic Compositions** – *Peng Haifeng*, Jiangxi Fireworks and Firecrackers Quality Supervision and Inspection Station, Yichun, Jiangxi, China and *Zhang Xiaocheng*, Yichun Association for Fireworks and Firecrackers Technology, Yichun, Jiangxi, China

15:50 **Determination of Pb As Hg Cd and Cr in Molded Tubes of Battery Fireworks by ICP-OES** – *Yang Lin, Huang Chaxiang, and Chen Jie*, Hunan Quality Inspection and Testing Center for Fireworks, Liuyang, Hunan, China

16:10 **Technical Specifications for the Safe Disposal of Obsolete Pyrotechnic Products** - *Shi Chao*, Jinli Fireworks Group Co., Ltd., Liuyang, Hunan Province, China

16:30 **Comprehensive Analysis of ‘Pre-mixed Semi-Finished Chemical Materials’ for Fireworks and Firecrackers** - *Bob Song, Huang Pu, Zhang Guangwu, Huang Weizhen*, Liuyang Shining Co. Ltd., Liuyang, Hunan, China

**CLOSE**

### **FRIDAY: April 25**

#### **Session 14**

Session Chairperson: *Izaskun Astondoa*, Piroteknia Astondoa S.A., Spain

8:30 **Study on Innovation in Manufacturing Techniques for Powdered and Granulated Black Powder** - *Zhu Fumao*, Jiangxi Sky Eagle Fireworks Group, Yichun, Jiangxi, China

9:00 **Discussion on the Management of Fireworks and Firecrackers Production Enterprises** - *Zhou Baocai*, Jiangxi Firecracker Industry Technology New Strategic League, Wanzai, Jiangxi, China

9:30 **Study on the Inheritance and Multifaceted Development of Fireworks and Firecracker** - *Zhang Jiyun*, Liaoning Fireworks and Firecrackers Association, Shenyang, Liaoning, China

**10:00 BREAK**

#### **Session 15**

Session Chairperson: *Peng Xinxin*, GM, Liling Jinxing Factory Co.Ltd., Liling, China

**10:30 The Reaction Mechanism and Application of Thermitite in Fireworks Industry** - *Liu Hongyan*, Pingxiang Shangli Fireworks and Firecrackers Development Research Center, Shangli, China and *Chen Li*, Jiangxi Yangpei Artistic Fireworks Display Co., Ltd., Shangli, China

**11:00 A Probe into the Creativity and Innovation in Large Scale Musical Pyrotechnic Displays A Case Study of Weekend Pyrotechnic Display in Liuyang** - *Deng Dashu, Liu Liang, and Tang Guokai*, Liuyang Jiteng Fireworks Group Co., Ltd., Liuyang, Hunan, China

**11:30 Chances of Social Media Influence on Fireworks Industry** - *Lee Carson*, BoomWow Fireworks, Liuyang, Hunan, China

**12:00 CLOSE**

**Remarks of Closing Presentation**

**Closing ceremony of the 19<sup>th</sup> ISF**  
**第 19 届国际烟花论坛论文交流闭幕礼**

Agenda

Chairman: Andrew TANG 主持人：国际烟花论坛学会副主席 邓善均

1. The best paper from Liling Hosting Committee Award 第 19 届国际烟花论坛优秀论文颁奖仪式；
2. Announcement of the 20<sup>th</sup> ISF 宣布第 20 届国际烟花论坛举办城市；
3. Handover of ISF Flag 国际烟花论坛学会主办城市授旗仪式；
4. Speech from the 20<sup>th</sup> ISF host representatives 第 20 届主办城市代表讲话；
5. Speech from Liling officers 醴陵市级领导讲话；
6. Speech from Chairman of ISF 国际烟花论坛学会主席讲话。

**Gathering of Global Fireworks Associations is scheduled at Turandot Hotel on Saturday April 26, 2025 at 09:00 by invitation only.**

Note-

All of the events during the week of April 21 to 26, which are outside the 19<sup>th</sup> ISF Liling program schedule, including the day-night fireworks, spectacular fireworks displays, folk dance beside Luzhe river are organized and executed through the Liling Host Committee (LHC). Its members deserve our generous recognition and appreciation.

## **Don't miss the ISF 2025 Welcome Reception!**

We are delighted to invite you to the ISF Welcome Reception, presented by Finale Fireworks, as part of the 19th International Symposium on Fireworks in Liling China. This exclusive two-hours event promises an unforgettable evening of networking, entertainment, and culinary delights at the Turandot Hotel Banquet Hall.

### Event Highlights:

- 18:00 – Welcome & Cocktail Hour  
Enjoy gourmet bites and drinks, courtesy of FINALE Fireworks, as you mingle with industry peers.
- 19:00 – Spectacular Flame Show by SHOWVEN  
Witness a dazzling display featuring Showven's latest and most innovative products.

This reception offers the perfect opportunity to reconnect with colleagues, forge new connections, and celebrate the spirit of the fireworks industry in a vibrant atmosphere.

Date: Sunday April 20, 2025

Location: International Conference Centre at the Turandot Hotel, Liling, China

Time: 18:00 to 20:00

Dress Code: Smart Casual

### **Sponsor Recognition**

It would not be possible to maintain the high standard and quality of the Symposium that we have come to expect without the support and generosity of our sponsors. We, the ISF and LHC committees and all the attendees, extend a warm, heartfelt thank you to our Sponsors. We truly do appreciate your support!

#### **Sponsorship**

Welcome Reception

Attendee Bags

Welcome Banquet

Tea-break

Simultaneous translation services

Gala Dinner

#### **Company**

Finale Fireworks

Chili Fireworks Group

Liling Host Committee

Liling Host Committee

Liling Host Committee

KeFu Fireworks

## ISO/TC 264 Fireworks



### About

Secretariat: SAC (China)

Committee Manager: Ms Chaxiang Huang

Chairperson (until end 2028): Mr Jiangyi XIAO

Creation date: 2011

### Scope

Standardization in the field of Fireworks, including quality control, definitions, terminology, classification, categorization, labelling, test methods and basic safety requirements.

- 26 Published ISO standards \*
- 11 ISO standards under development \*
- 17 Participating members
- 17 Observing members

### Structure/ Working groups

- ISO/TC 264/WG 4 Test methods
- ISO/TC 264/WG 5 Fireworks display
- ISO/TC 264/WG 6 Consumer fireworks and professional fireworks
- ISO/TC 264/WG 7 Ignition devices for fireworks

### Meeting

17-19 April 2025 Yintian hotel , Liuyang (China)

### Calling Global Experts!

Join ISO/TC264 in Advancing "Pyrotechnics Safety & Innovation"

### We Invite You To:

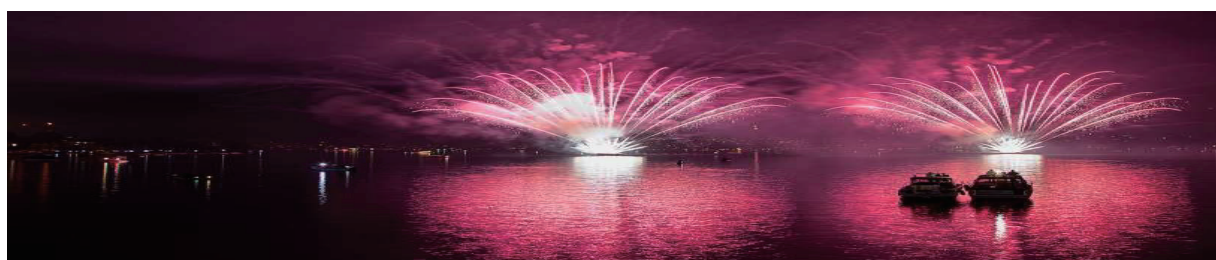
- ✓ Contribute to international standards development
- ✓ Collaborate with technical experts worldwide
- ✓ Shape the future of fireworks industry

### Contact details:

Tel: +86 731 83683656

Fax: +86 731 83683655

Email: [84081360@qq.com](mailto:84081360@qq.com)



DESIGNED PYROTECHNIC PATTERNS  
CUSTOMISED DISPLAYS FOR EVERY CULTURE  
CERTIFIED SAFETY STANDARDS (ISO/CE/AFSL)



# IGNITE

THE WORLD'S CELEBRATION



with

**Golden Peak Fireworks** 



[www.chnfireworks.com](http://www.chnfireworks.com)  
[trading@chnfireworks.com](mailto:trading@chnfireworks.com)  
Tel: 0795-8900498  
18979528899

[www.twinfireworks.com](http://www.twinfireworks.com)  
[sesamechen@chnfireworks.com](mailto:sesamechen@chnfireworks.com)  
US Cell: 001-765-3375288



19<sup>th</sup>  
International  
Symposium on  
Fireworks

## 第十九届国际烟花论坛

2025年4月21日 - 25日 中国·醴陵  
April 21-25, 2025 China · LiLing



2025年4月21日至25日，第19届国际烟花论坛（ISF）和首届湖南（醴陵）烟花爆竹产业博览会期间，将有“醴陵味道嘉年华”活动。届时，您将在展会现场（中国陶瓷谷国际会展中心）或者瓷城古韵·一江两岸炒粉街品尝到地道的醴陵小炒、爽滑劲道的醴陵炒粉、酥脆可口的炉桥酥、风味独特的醴陵酱板鸭，以及琳琅满目的醴陵经典小吃（圆蛋糕、红薯片、紫薯猫耳朵等），每一口都是对醴陵美食文化的深情品味。

From April 21 to 25, 2025, during the 19th International Symposium on Fireworks (ISF) and the 1st Hunan (Liling) Fireworks Industry Expo, the "Liling Flavor Carnival" will be held. Visitors can enjoy authentic Liling delicacies at the exhibition venue (China Ceramics Valley International Convention and Exhibition Center) or at the Historic Porcelain City-Yijiang Liang'an Fried Rice Noodle Street. Highlights include genuine Liling-style stir-fries, smooth and chewy Liling fried rice noodles, crispy Luqiao pastries, uniquely flavored Liling spiced duck, and a variety of classic Liling snacks such as round sponge cakes, sweet potato chips, purple sweet potato "cat ear" crisps, and more. Every bite offers a heartfelt immersion into Liling's rich culinary culture.



Liling Fried Rice Noodles



Crispy Luqiao Pastries



Liling Spiced Duck



"Cat ear" Crisps



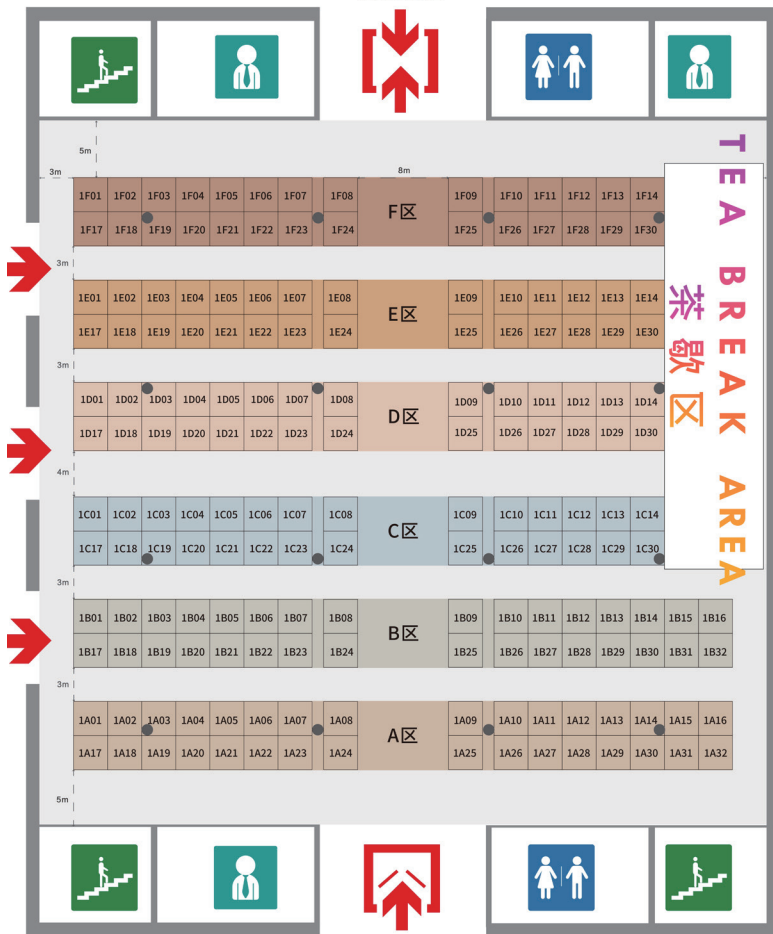
Sweet Potato Chips



Round Sponge Cakes

### Hall #1

L 64m x W 62



Entrance

### Hall #4



Entrance



**UN CERTIFIED >> 4G PYROBOXES**  
**FOR DIFFERENT FIREWORKS**

**FREE VIDEO**  
**DIFFERENCE**  
**4G / 4GV**  
**PACKAGING**



**LET**  
**THE SHOW**  
**BEGIN!**

[www.serpac.it/en/](http://www.serpac.it/en/)

Ph. +39 (0) 2 218 71 585 - email: [sales@serpac.it](mailto:sales@serpac.it)

# MEMBERS OF LILING FIREWORKS GENERAL CHAMBER OF COMMERCE

No.	Company Name	企业名称	No.	Company Name	企业名称	No.	Company Name	企业名称
1	Hunan Kefu Fireworks Industry Co., Ltd.	湖南省科富烟花炮业有限公司	60	Liling Bahtuan Hezhou Export Fireworks Factory	醴陵市白兔潭河洲出口烟花厂	119	Liling Shanshui Lead Wire Factory	醴陵市山水引线厂
2	Liling Kefu Liqun Fireworks Co., Ltd.	醴陵市科富利群烟花炮业有限公司	61	Liling Jindaji Export Fireworks and Firecrackers Factory	醴陵市金达意出口烟花鞭炮厂	120	Liling Xinxin Fireworks Manufacturing Co., Ltd.	醴陵市鑫鑫烟花制造有限公司
3	Liling Kefu Hetian Fireworks Co., Ltd.	醴陵市科富荷田烟花炮业有限公司	62	Liling Sixi Export Fireworks Factory	醴陵市六喜出口烟花厂	121	Liling Huanggu Fireworks and Firecrackers Factory	醴陵市黄谷烟花鞭炮厂
4	Liling Tianmei Fireworks and Firecrackers Manufacturing Co., Ltd.	醴陵市天美烟花鞭炮制造有限公司	63	Liling Longxiang Fireworks Factory	醴陵市隆祥烟花厂	122	Liling Jiangjunjiang Fireworks Co., Ltd.	醴陵将军溪烟花炮有限公司
5	Liling wuji fireworks manufacturing co., ltd.	醴陵市五一烟花制造有限公司	64	Liling Bahtuan Shunda Export Fireworks Factory	醴陵市白兔潭顺达出口烟花厂	123	Liling Xianglong Fireworks Co., Ltd.	醴陵市祥龙烟花炮有限公司
6	Hunan Qunle Fireworks Industry Co., Ltd.	湖南省群乐烟花炮业有限公司	65	Liling Longtang Fireworks Factory (sole proprietorship)	醴陵市白兔潭烟花厂(个人独资)	124	Liling Shikoukou Fireworks & Firecrackers Co., Ltd.	醴陵市石亨出口烟花炮有限公司
7	Liling Wanhai Fireworks Co., Ltd.	醴陵市万豪烟花炮有限公司	66	Liling Huangjia Export Fireworks Factory	醴陵市黄甲出口烟花厂	125	Liling Sershi Firecracker Factory	醴陵市森新鞭炮厂
8	Liling Jiande Fireworks Factory	醴陵市建德烟花厂	67	Liling Yixiang Export Fireworks Factory	醴陵市益祥出口烟花厂	126	Liling Yinzhou Fireworks and Firecrackers Co., Ltd.	醴陵市银洲烟花鞭炮有限公司
9	Liling Xianfu Firecrackers Co., Ltd.	醴陵市先富鞭炮有限公司	68	Liling Qiantang Export Fireworks Factory (General Partnership)	醴陵市泉塘出口烟花厂(普通合伙)	127	Liling Jian Fireworks Factory	醴陵市吉安烟花厂
10	Liling Fuli Fengteng Fireworks and Firecrackers Factory	醴陵市富里丰腾烟花鞭炮厂	69	Hunan Qingfeng Export Fireworks Manufacturing Co., Ltd.	湖南庆丰出口烟花制造有限公司	128	Liling Jinghui Fireworks and Firecrackers Factory	醴陵市晶晖烟花鞭炮厂
11	Liling Wanliyan Fireworks Industry Co., Ltd.	醴陵市万利源烟花炮业有限公司	70	Liling Shengtai Fireworks Manufacturing Co., Ltd.	醴陵市盛泰烟花制造有限公司	129	Liling Lufuwang Fireworks and Firecrackers Co., Ltd.	醴陵市鑫福旺烟花爆竹有限公司
12	Hunan Nanfeng Fireworks Co., Ltd.	湖南省南凤烟花有限公司	71	Liling Bahtuan Gushu Export Fireworks Factory (General Partnership)	醴陵市白兔潭国辉出口烟花厂(普通合伙)	130	Liling Bara Fireworks Factory	醴陵市八马烟花厂
13	Liling Pingsheng Fireworks Manufacturing Co., Ltd.	醴陵市平盛烟花制造有限公司	72	Hunan Xiangwen Fireworks and Firecrackers Co., Ltd.	湖南湘皖烟花爆竹有限公司	131	Liling Zhangshu Fireworks Factory	醴陵市樟树烟花厂
14	Liling Goldlion Flower Co., Ltd.	醴陵市金利来烟花有限公司	73	Liling Bahtuan Pioneer Export Fireworks Factory (General Partnership)	醴陵市白兔潭先锋出口烟花厂(普通合伙)	132	Liling Xiangshu Export Fireworks Factory	醴陵市湘楚出口烟花厂
15	Liling Siyuan Fireworks and Firecrackers Manufacturing Co., Ltd.	醴陵市思源烟花鞭炮制造有限公司	74	Liling Honglu Fireworks Co., Ltd.	醴陵市鸿路烟花有限公司	133	Liling Hongqiang Fireworks Factory (General Partnership)	醴陵市鸿强鞭炮厂(普通合伙)
16	Hunan Hewang Fireworks Industry Co., Ltd.	湖南省和旺烟花炮业有限公司	75	Liling Heitan Export Fireworks Factory	醴陵市荷田出口烟花厂	134	Liling Donglu Town Xiangsheng Lead Factory	醴陵市东山镇祥胜引线厂
17	Liling Jifeng Fireworks Manufacturing Co., Ltd.	醴陵市吉祥烟花鞭炮制造有限公司	76	Liling Golden Rabbit Export Fireworks and Firecrackers Co., Ltd.	醴陵市金兔出口烟花鞭炮有限责任公司	135	Liling Donggu Export Fireworks Factory	醴陵市东关出口烟花厂
18	Liling Longyun Fireworks Manufacturing Co., Ltd.	醴陵市隆运烟花炮制造有限公司	77	Liling Jimiuli Fireworks and Firecrackers Co., Ltd.	醴陵市金牛烟花鞭炮有限公司	136	Liling Chunsheng Export Fireworks Factory	醴陵市春生出口烟花厂
19	Hunan Jirpeng Export Fireworks Manufacturing Co., Ltd.	湖南金鹏出口烟花炮制造有限公司	78	Liling Hongri Fireworks and Firecrackers Factory	醴陵市虹日烟花鞭炮厂	137	Liling Jinxing Export Fireworks and Firecrackers Factory	醴陵市金星出口烟花鞭炮厂
20	Liling Fuli Guorong Export Fireworks Factory	醴陵市富里国荣出口烟花厂	79	Liling Pukou Fuxing Fireworks Manufacturing Co., Ltd.	醴陵市浦口福星烟花制造有限公司	138	Liling Xingyu Fireworks Co., Ltd.	醴陵市兴宇烟花有限公司
21	Liling Limin Export Fireworks Factory (sole proprietorship)	醴陵市利民出口烟花厂(个人独资)	80	Liling Pukou Honglong Firecrackers Co., Ltd.	醴陵市浦口洪龙鞭炮有限公司	139	Liling Hejiqiao Huma Fireworks Factory	醴陵市黄家桥桥玛烟花厂
22	Liling Nanjiao Bashi Export Fireworks Factory	醴陵市南桥柏树出口烟花厂	81	Liling Caijingguang Fireworks Co., Ltd.	醴陵市财金厂烟花有限公司	140	Liling Xingguo Fireworks and Firecrackers Factory	醴陵市兴国烟花鞭炮厂
23	Liling Hongmantian Fireworks Co., Ltd.	醴陵市弘满天烟花有限公司	82	Liling Pukou Hequan Zhongfa Export Fireworks Factory	醴陵市浦口河泉众发出口烟花厂	141	Liling Wanhuan Export Fireworks Factory (General Partnership)	醴陵市万环出口烟花厂(普通合伙)
24	Liling Jinfeng Fireworks Manufacturing Co., Ltd.	醴陵市金凤烟花制造有限公司	83	Liling Shanlang Xinhua Fireworks Factory	醴陵市山塘新华烟花厂	142	Liling Ruleng Fireworks Co., Ltd.	醴陵市瑞丰烟花有限公司
25	Hunan Liling Full Light Industry Co., Ltd.	湖南省醴陵市富利轻工有限公司	84	Liling Lai's Firecracker Manufacturing Co., Ltd.	醴陵市赖氏爆竹制造有限公司	143	Liling Sherma Fireworks Co., Ltd.	醴陵市神马烟花有限公司
26	Liling Tongfa Fireworks and Firecrackers Co., Ltd.	醴陵市同发烟花鞭炮有限公司	85	Liling Wenwu Export Fireworks Factory	醴陵市文武出口烟花厂	144	Liling Shenxing Fireworks Factory	醴陵市沈星烟花鞭炮制造厂
27	Liling Tangfang Fireworks and Firecrackers Factory	醴陵市塘坊烟花鞭炮厂	86	Hunan Guanqu Fireworks Co., Ltd.	湖南冠球烟花有限公司	145	Liling Sanyuan Fireworks and Firecrackers Factory (General Partnership)	醴陵市三元烟花鞭炮厂(普通合伙)
28	Liling Hongyuan Export Fireworks Manufacturing Co., Ltd.	醴陵市宏远出口烟花炮制造有限公司	87	Hunan Liling Tianfu Fireworks Manufacturing Co., Ltd.	湖南醴陵天符烟花制造有限公司	146	Liling Shuanglong Fireworks Factory	醴陵市双龙烟花厂
29	Liling Gao Industrial Co., Ltd.	醴陵市高鹏实业有限公司	88	Liling Kaishun Fireworks Manufacturing Co., Ltd.	醴陵市凯顺烟花制造有限公司	147	Hunan Wukong Fireworks Manufacturing Co., Ltd.	湖南悟空烟花制造有限公司
30	Hunan Guoqi Fireworks Co., Ltd.	湖南国奇烟花有限公司	89	Liling Lai's Lead Manufacturing Co., Ltd.	醴陵市赖氏引线制造有限公司	148	Liling Wufeng Fireworks Export Co., Ltd.	醴陵市伍丰烟花炮出口有限公司
31	Liling Xinxu Fireworks Manufacturing Co., Ltd.	醴陵市新秀烟花制造有限公司	90	Liling Heshui Lead Wire Factory	醴陵市合水引线厂	149	Liling Maolian Export Fireworks and Firecrackers Manufacturing Co., Ltd.	醴陵市茂田出口烟花鞭炮制造有限公司
32	Liling Xiangcha Fireworks Manufacturing Co., Ltd.	醴陵市祥茶烟花制造有限公司	91	Liling Huahai Export Fireworks and Firecrackers Manufacturing Co., Ltd.	醴陵市海海出口烟花鞭炮制造有限公司	150	Hunan Liling Mingwei Fireworks Export Co., Ltd.	湖南省醴陵市明伟烟花炮出口有限公司
33	Liling Huxiang Lead Factory	醴陵市湖湘引线厂	92	Liling Meiteng Fireworks Co., Ltd.	醴陵市美丰烟花有限公司	151	Hunan Guangxiang Fireworks Manufacturing Co., Ltd.	湖南省广祥烟花制造有限公司
34	Liling Huaguo Fireworks Manufacturing Co., Ltd.	醴陵市华国烟花制造有限公司	93	Hunan Zhongxing Fireworks Co., Ltd.	湖南中兴烟花有限公司	152	Liling Pingyun Export Fireworks Factory	醴陵市平云出口烟花厂
35	Liling Hengxing Gunpowder-free Manufacturing Co., Ltd.	醴陵市恒兴无烟火药制造有限公司	94	Liling Fuxing Export Fireworks and Firecrackers Manufacturing Co., Ltd.	醴陵市福兴出口烟花鞭炮制造有限公司	153	Liling Jinhui Export Fireworks Factory (General Partnership)	醴陵市金辉出口烟花厂(普通合伙)
36	Liling Wanfuyuan Black Powder Manufacturing Co., Ltd.	醴陵市万福源黑火药制造有限公司	95	Liling Honggu Fireworks Manufacturing Co., Ltd.	醴陵市鸿途烟花制造有限公司	154	Liling Xiangqiang Fireworks and Firecrackers Co., Ltd.	醴陵市湘强烟花鞭炮有限公司
37	Liling Yutai Black Powder Manufacturing Co., Ltd.	醴陵市宇泰黑火药制造有限公司	96	Liling Jiayuan Fireworks and Firecrackers Co., Ltd.	醴陵市佳元烟花鞭炮有限公司	155	Liling Hengxin Export Fireworks Co., Ltd.	醴陵市恒新出口烟花有限公司
38	Hunan Yanpeng Fireworks Co., Ltd.	湖南省燕鹏烟花有限公司	97	Liling Jincheng Export Fireworks Factory	醴陵市金城出口烟花厂	156	Hunan Wanshengmei Fireworks Manufacturing Co., Ltd.	湖南省万圣美烟花制造有限公司
39	Liling Xiangling Fireworks and Firecrackers Industry Co., Ltd.	醴陵市湘聆烟花炮业有限公司	98	Liling Haifeng Export Fireworks Factory	醴陵市海丰出口烟花厂	157	Hunan Hengda Fireworks Co., Ltd.	湖南恒达烟花有限公司
40	Hunan Qiangsheng Fireworks Manufacturing Co., Ltd.	湖南强升烟花制造有限公司	99	Liling Wangxianxing Fireworks and Firecrackers Factory	醴陵市王仙兴烟花鞭炮厂	158	Liling Ketai Fireworks Factory	醴陵市科泰烟花厂
41	Liling Hongyu Fireworks and Firecrackers Co., Ltd.	醴陵市鸿宇烟花炮有限公司	100	Liling Zhongyi Firecracker Manufacturing Co., Ltd.	醴陵市中意鞭炮制造有限公司	159	Liling Rainbow Fireworks Materials Co., Ltd.	醴陵市彩虹烟花材料有限公司
42	Hunan Langyu Fireworks Manufacturing Co., Ltd.	湖南亮宇烟花炮制造有限公司	101	Liling Zhongxing Fireworks and Firecrackers Manufacturing Co., Ltd.	醴陵市中兴烟花鞭炮制造有限公司	160	Liling Wanjiangshan Fireworks Manufacturing Co., Ltd.	醴陵市湾江山烟花炮制造有限公司
43	Hunan Liling Mingda Fireworks Co., Ltd.	湖南省醴陵市明达烟花有限公司	102	Liling Saming Firecracker Manufacturing Co., Ltd.	醴陵市三茗鞭炮制造有限公司	161	Liling Feixiang Fireworks Factory	醴陵市飞翔鞭炮厂
44	Liling Fuzhao Fireworks Industry Co., Ltd.	醴陵市富招烟花炮业有限公司	103	Liling Longpo Fireworks Manufacturing Co., Ltd.	醴陵市龙坡烟花制造有限公司	162	Hunan Jinyu Fireworks Manufacturing Co., Ltd.	湖南省金玉烟花制造有限公司
45	Liling Jinwang Export Fireworks Factory	醴陵市金旺出口烟花厂	104	Liling Qiangsheng Fireworks and Firecrackers Factory	醴陵市强盛烟花鞭炮厂	163	Hunan Xinmei Fireworks Manufacturing Co., Ltd.	湖南新美烟花制造有限公司
46	Hunan Daqing Fireworks Export Co., Ltd.	湖南省大青出口烟花炮有限公司	105	Liling Xiangxin Fireworks and Firecrackers Factory	醴陵市祥信烟花鞭炮厂	164	Liling Zijing Export Fireworks Manufacturing Co., Ltd.	醴陵市紫荆出口烟花炮制造有限公司
47	Liling Mingxing Export Fireworks and Firecrackers Co., Ltd.	醴陵市明兴出口烟花鞭炮有限公司	106	Liling Wangxian Town Jixiang Export Fireworks Factory	醴陵市王仙镇吉祥出口烟花厂	165	Liling City Huangdazui Town Shuangjing Fireworks Factory	醴陵市黄田镇双井烟花厂
48	Liling Dafa Fireworks Co., Ltd.	醴陵市大发烟花有限公司	107	Liling Qianliang Fireworks Co., Ltd.	醴陵市强泰烟花有限公司	166	Liling Hushong Firecracker Manufacturing Co., Ltd.	醴陵市华虹鞭炮制造有限公司
49	Liling Xinyu Fireworks and Firecrackers Factory	醴陵市鑫鑫烟花鞭炮厂	108	Liling Fengda Fireworks and Firecrackers Factory	醴陵市丰达烟花鞭炮厂	167	Liling Jumei Fireworks Co., Ltd.	醴陵市久美烟花有限公司
50	Liling Pengfei Export Fireworks Co., Ltd.	醴陵市鹏飞出口烟花有限公司	109	Liling Xu Firecracker Manufacturing Co., Ltd.	醴陵市鸿旭鞭炮制造有限公司	168	Liling Judawan Export Fireworks and Firecrackers Factory	醴陵市九道湾出口烟花爆竹厂
51	Liling Fuxing Fireworks Manufacturing Co., Ltd.	醴陵市富兴烟花制造有限公司	110	Chen Jiaxin Fireworks Manufacturing Co., Ltd.	醴陵市佳成烟花制造有限公司	169	Liling Yongfeng Fireworks Co., Ltd.	醴陵市永丰烟花有限公司
52	Liling Hongtai Export Fireworks Manufacturing Co., Ltd.	醴陵市宏泰出口烟花炮制造有限公司	111	Liling Beltang Export Fireworks Manufacturing Co., Ltd.	醴陵市北塘出口烟花炮制造有限公司	170	Liling Hengli Fireworks and Firecrackers Co., Ltd.	醴陵市恒力烟花鞭炮有限公司
53	Liling Hongan Firecrackers Industrial Co., Ltd.	醴陵市鸿安鞭炮炮业有限公司	112	Liling Beltang Export Fireworks Factory	醴陵市北塘出口烟花炮工业工厂	171	Liling Nanfeng Fireworks and Firecrackers Manufacturing Co., Ltd.	醴陵市年丰烟花鞭炮制造有限公司
54	Liling City Full Town Dalong Fireworks Factory	醴陵市富里镇大垅烟花厂	113	Liling Qianshun Lead Factory	醴陵市强顺引线厂	172	Liling Caifeng Fireworks Co., Ltd.	醴陵市彩丰烟花有限公司
55	Liling Xiangfeng Fireworks and Firecrackers Co., Ltd.	醴陵市祥峰烟花鞭炮有限公司	114	Liling Samun Fireworks Material Manufacturing Co., Ltd.	醴陵市三润烟花材料制造有限公司	173	Liling Ronghua Fireworks and Firecrackers Factory	醴陵市荣华烟花鞭炮厂
56	Liling Hongliang Firecrackers Co., Ltd.	醴陵市宏亮鞭炮有限公司	115	Liling Beitai Fireworks and Firecrackers Manufacturing Co., Ltd.	醴陵市北泰烟花鞭炮制造有限公司	174	Liling Tianyi Firecrackers Factory	醴陵市天意鞭炮厂
57	Liling Bahtuan Luoping Fireworks Factory	醴陵市白兔潭罗平烟花厂	116	Hunan Jindi Fireworks and Firecrackers Manufacturing Co., Ltd.	湖南金帝烟花爆竹制造有限公司	175	Liling Tashulong Firecrackers Factory	醴陵市大水垅鞭炮厂
58	Liling Rongxing Fireworks Co., Ltd.	醴陵市荣兴烟花有限公司	117	Hunan Rongsheng Export Fireworks Manufacturing Co., Ltd.	湖南荣升出口烟花炮制造有限公司	176	Liling Jili Fireworks Manufacturing Co., Ltd.	醴陵市吉利烟花制造有限公司
59	Liling Quanshan Fireworks Co., Ltd.	醴陵市泉山烟花有限公司	118	Liling Chufeng Export Fireworks and Firecrackers Manufacturing Co., Ltd.	醴陵市楚丰出口烟花鞭炮制造有限公司			

Pick up inner area tickets for the April 26 Sky Theater fireworks show at the ISF Exhibition Hall registration desk.

在 ISF 展览厅登记处领取 4 月 26 日天空剧院烟花表演的内区门票。

ISF 注册会员可以免费获得 VIP 门票。Holee Fireworks 为 ISF 特别呈现一场专属烟花表演。

ISF registered members can receive complimentary VIP tickets.

Holee Fireworks presents an exclusive fireworks show specially for ISF.

宏益烟花保留最终解释权。先到先得。

Holee Fireworks reserves the right of final interpretation. First come, first served.



# Butterfly's Millennial Love

Welcome to 26th April Fireworks show  
Liuyang Sky Theater

20:00-20:50 26 April 2025

- The world's most advanced drone fireworks display technology makes its global debut.
- Exclusive Return of "Feast of A Thousand Flames" (From the Year of the Snake Spring Festival Gala Fireworks Showcase)
- A Brand-New Concept Art Fireworks Multimedia Show Bringing to life an ancient Eastern love myth across millennia



Responsible Company:  
Intently Fireworks &  
Liuyang Holee Fireworks Co., Ltd.





醴陵市烟花鞭炮总商会

LILING GENERAL CHAMBER OF COMMERCE OF FIREWORKS

# 共探产业创新之路 共绘烟花文化之美

TOGETHER, WE EXPLORE THE PATH OF INDUSTRIAL  
INNOVATION AND CO-CREATE THE BEAUTY OF  
FIREWORKS CULTURE.

千年醴花绽放世界

Millennial Liling Fireworks Blooming Worldwide!



醴陵发布



花炮大世界

地址：湖南省醴陵市渌江产业发展中心A座8楼

电话：0731-23336007

邮箱：sp@llyhbpzsh.com