

Tentative Topics for Presentation at the 19th ISF Liling, China 2025

1. Fireworks Around the Globe: Deep Dive into the Operational Level and a Best Practice for Quality Assurance from Germany
2. Applications of Spectroscopy in Fireworks Effects
3. Research on a New and Safer Process for Loading Burst Charge into Fireworks Inner Tubes
4. Exploration of the Development Path of Liling Fireworks Industry from the Perspective of AI Empowerment and Cultural Inheritance
5. Single-Shot Rack Optimizations
6. A Simulation Study of the Effects of Truss on the Performance of Wireless Pyrotechnical Firing Systems
7. The Internationalization of Omagari Hanabi Facilitated by the International Symposium on Fireworks and Diverse Initiatives Promoting Development of the Fireworks Industry
8. Galician Pyrotechnic Accident Root Analysis that occurred on May 23, 2018
9. From Ritual to Revenue: A Comparative Study of Cultural Identity and Tourism Impact in four Global Fireworks Festivals
10. Study for Safety Assessment of Large-scale Fireworks Displays
11. On the Healthy Development of a Fireworks Industry
12. Strategies to Mitigate the Negative Effects of Smoke during a Musical Fireworks Display
13. Research on a New and Safer Process for Loading Burst Charge into Fireworks Inner Tubes
14. The Reaction Mechanism and Application of Thermite in the Fireworks Industry
15. Testing and Optimization of the Work Capacity of Civilian Pyrotechnic Burst Charge
16. Fault Diagnosis of Fireworks and Firecrackers Production Machinery Based on Neural Networks
17. Experimental Study on the Initial Launch Velocity of Aerial Shells and the Scattering of Pyrotechnic Stars
18. Research on Digital Empowerment for the Transformation and Upgrading of the Fireworks and Firecrackers Industry in Shangli County
19. The Impact of Self-Media and Live Streaming on the Fireworks and Firecrackers Industry
20. An Analytical Exploration of the Integration of Fireworks and Firecrackers Industry with Information Technology
21. Advances in Green Pyrotechnic Compositions
22. Study on the Water-Cleaning Process for Firecracker Charging Machine
23. On the Safe Operation of a Chemical Sedimentation Tank in a Fireworks Enterprise
24. Prospects of the Digital Transformation and Upgrading of the Fireworks and Firecrackers Industry Empowered by Light MES System A Case Study
25. On the Inevitable Trajectory and Solutions of Automation and Intelligentization in Firecrackers Production
26. A Planar Display Scheme for Fireworks Effects
27. Multi-factor Causal Analysis of Fireworks Accidents and the Construction of the Prevention System