

## **MONDAY: October 12<sup>th</sup> 2026**

### **09:00** Official opening

Jorge Márquez, ISF Chariman

Ettore Contestabile, Honorary Chairman

Guest Speakers

Session Chairman: Jorge Márquez

**10:00** 2026-21E – The Origin of the Fallas and its Connection with Pyrotechnics - Marta Cristóbal and Jorge Guarro, Valencia, Spain

### **10:30 Break**

#### **Session 1**

Session Chairman: Jorge Márquez

**11:00** 2026-09E REVISION OF THE EUROPEAN STANDARD EN 16261 “F4 FIREWORKS” NEW ENVIRONMENTAL REQUIREMENTS - Pierre Thebault, Pyroconsultant Eurl, France FR

**11:30** 2026-01E TRADITIONAL PYROTECHNICS IN MEDIEVAL FESTIVALS IN THE CATALAN-ARAGONESE CROWN: CULTURAL HERITAGE AND CONTEMPORARY REGULATION - Dr. Jordi Bertran Luengo, Universitat Rovira i Virgili, Spain

**12:00** 2026-02CA BURSTCASTING: A DIFFERENT APPROACH TO AERIAL SHELL MANUFACTURE - Jim Widman, Connecticut Pyrotechnic Mfg. Inc. USA

### **12:30 Lunch**

#### **Session 2**

Session Chairperson: Martyne Ganon

**14:00** 2026-02E AN INTEGRATED, PAPERLESS WORKFLOW FOR FIREWORKS SHOWS: RAPID INVENTORY-DRIVEN DESIGN, TEAM COLLABORATION, INTERNET TIME-CODE SYNCHRONIZATION ACROSS ANY DISTANCE, AND AUDIENCE ENGAGEMENT - Laurian Antoci, Independent Researcher, Iași, Romania

**14:30** 2026-03CA WE'RE NOT PEELING POTATOES! ELECTRIC MATCHES, FIREWORKS and PEOPLE - Charles P. Weeth, Weeth & Associates, LLC, USA

**15:00** 2026-01M CRISTALLOGRAPHY AND ITS PIEZOELECTRIC PROPERTIES - Dr. Alan Casas Mendoza, Asociación de Pirotécnicos de México, México

### **15:30 Break**

#### **Session 3**

Session Chairman: José Luis Giménez Clemente, Pirotecnia Vulcano S.L., President

**16:00** 2026-02M SUITABLE METALS FOR PYROTECHNIC MANUFACTURING PROCESSES - Eisler Saúl Oviedo Ortiz, Asociación de Pirotécnicos de México, Mexico

**16:30** 2026-03M EXPLOSION-PROOF ELECTRICAL AND ELECTRONIC DEVICES IN PYROTECHNIC PROCESSES - Eisler Saúl Oviedo Ortiz, Asociación de Pirotécnicos de México, Mexico

**17:00** 2026-04M THE INFLUENCE OF MORPHOLOGY ON THE PERFORMANCE OF FIREWORKS- Dr. Alan Casas Mendoza, Asociación de Pirotécnicos de México, Mexico

**17:30 Close**

## **TUESDAY: October 13<sup>th</sup> 2026**

### **Session 4**

Session Chairman: Nicolás Magán Oliva, Pyroadvise T.S., General and Technical Manager

**09:30** 2026-01J THE CHALLENGE OF TOY FIREWORKS IN STRENGTHENING THE FOUNDATION OF JAPAN'S FIREWORKS CULTURE - Yoshimasa Inoue, INOUE TOY FIREWORKS MFG., CO., LTD. Japan

**10:00** 2026-03J FIREWORKS ACCIDENTS IN JAPAN IN 2024-2025 - Atsumi Miyake and Yuji Wada, Yokohama National University, Japan

**10:30 Break**

### **Session 5**

Session Chairman: Jordi Brau, CIALFIR, Secretary

**11:00** 2026-04C COMPARISON OF CHINESE NATIONAL FIREWORKS STANDARD GB 10631-2025 WITH 2013 VERSION – Andy Tang, Tian Cheng Pyrotechnic Laboratory, China CN

**11:30** -2026-09CA The Quiet Hands Behind the Wonder – Nancy Rozzi

**12:00** 2026-05M FIVE GENERATIONS: PIROTECNIA MARIPOSA OF COLOMBIA - Alberto Felipe Peñalver & Charles P. Weeth, Pirotecnia Mariposa & Weeth & Associates, LLC, Colombia & USA co us

**12:30 Lunch**

### **Session 6**

Session Chairman: Santiago López, Pirotecnia López S.L, Treasurer

**14:00** 2026-03E ASSESSMENT OF THE EFFECTS OF PYROTECHNIC SOUND ON DOMESTIC ANIMALS - David León, Juan Casín, David Bolonio, Ángel Santamaría and Blanca Castells, Laboratorio Oficial J.M. Madariaga (LOM) Minas y Energía, Universidad Politécnica de Madrid (UPM), Spain

**14:30** 2026-05E RECOMMENDATIONS FOR SAFETY DISTANCES FOR THEATRICAL (T1/T2) PYROTECHNIC ARTICLES - L.H. Polak, Y.G. Geertzema, P.H. Keijzer, P. Timmers, and S. Mahesh, RIVM, National Institute for Public Health and the Environment Centre for Environmental Safety and Security, The Netherlands

**15:00** 2026-06E EVOLUTION OF ILLUMINATION - Sara Tóth, Hungary

**15:30 Break**

#### **Session 7**

Session Chairman: António Gamón, Plásticos Gamón S.L.

**16:00** 2026-04E DRY FIREWORKS, MUSICAL FIREWORKS - Between traditions, practices, and challenges - Dominique LAJEUNESSE, Personal, France FR

**16:30** 2026-08E SOUND PRESSURE LEVELS GENERATED BY THE USE OF FIREWORKS - Ángel Santamaría Martín & Eric Kandel, Laboratorio Oficial J.M. Madariaga, Spain ES

**17:00** 2026-01C STUDY ON FIREWORKS SHOT BY DRONES - Shixing Ouyang, Liuyang Ouyang Technology Trade Co., Ltd., China

**17:30 Close**

### **WEDNESDAY: October 14<sup>th</sup> 2026**

**Session Chairman** – Daid Bolonio Martin – Director LOM, Pyrotechnics and Explosives European Notified Body

**09:30** 2026-02USA USING ARTIFICIAL INTELLIGENCE IN PYROMUSICAL SHOW DESIGN: A CASE STUDY OF A MEMORIAL PRODUCTION - Rich Bader, Personal, USA US

**10:00** 2026-08CA MULTI-SENSORY MODES OF ACCESS IN THE PYROTECHNIC ARTS: IMAGINING LIGHT THROUGH WORDS, TOUCH, AND RESONANCE - Collin van Uchelen, Ph.D. Personal, Canada CA

**10:30 Break**

**11:00** Moderated Sessions: Session Chairman, Professor Mitsuru Arai

- 1. Pierre Thebault** – European Standard EN 16261
- 2. Collin van Uchelin** – Accessible Pyromusical Events
- 3. Andrew Tang** – Global Environmental Concern Towards the Development of Green Fireworks
- 4. Andy Tang** – Comparison of China Fireworks Standards Recently Published with Previous Version
- 5. Charles Weeth** – Processing and Preparation – What is the Difference and Why?
- 6. Rich Bader** – Using Artificial Intelligence in Pyromusical Show Design – A Case Study
- 7. Paul Marriott** - The evolution of fireworks display design: past, present and future
- 8. E. Contestabile** – Are detonable materials being used in fireworks?

**9. Zach Gilbert – Wired for Safety; How Technology is Changing Pyrotechnic Show Safety**

**12:30 Close**

**THURSDAY: October 15<sup>th</sup> 2026**

**Session 9**

Session Chairman: Jordi Brau Estrada, Secretary, AEPIRO, CEO, CIALFIR

**09:30 2026-06CA USING FIRING SYSTEMS FOR DMX CONTROL** - Will Harvey, Finale Fireworks, USA

**10:00 2026-07CA THE FRACTURE TAX – THE FAILURE OF AUSTRALIA’S FRACTURED FIREWORKS REGULATIONS** - Martin Brady, Fireworks Australia, Australia

**10:30 Break**

**Session 10**

Session Chairman: Andrew Tang

**11:00 2026-04J FIREWORKS CULTURE IN OMAGARI: TECHNOLOGICAL DIVERSITY AMONG THE FOUR LEADING FIREWORKS COMPANIES** - Rinon Kumekawa, Seirei Gakuen High School, Japan

**11:30 2026-05CA TWENTY YEARS LATER - DOES TELEVISION REALLY NOT LOVE FIREWORKS?** - Ion Kehagioglou, Personal, Greece

**12:00 2026-02J Yasushi Saito, Omagari Hanabi Steering Committee, Japan**

**12:30 Lunch**

**Session 11**

Session Chairman: Nicolas Magan Oliva – General manager and Technical Director, AEPIR, Owner – General Manager, Pyroadvice Technical Services, S.L.

**14:00 2026-07E RAISE THE “FIRE” TO INTANGIBLE HERITAGE: PORTUGUESE PYROTECHNICS ART AS A CASE STUDY** - Ana Cristina SOUSA, Diana FELÍCIA, Marisa PEREIRA SANTOS, Faculty of Arts and Humanities – University of Porto, Portugal

**14:30 2026-05M FIVE GENERATIONS: PIROTECHNIA MARIPOSA OF COLOMBIA** – Alberto Felipe Peñalver, Colombia and Charles P. Weeth, USA

**15:00 2026-07C GREEN TRANSFORMATION OF THE FIREWORKS AND FIRECRACKERS INDUSTRY DRIVEN BY TECHNOLOGICAL INNOVATION: A CASE STUDY OF THE INDUSTRY IN LILING CITY** - Shiliang Luo and Wenbo Cao, Liling Municipal People’s Government, China

**15:30 Break**

## **Session 12**

Session Chairman: M Josée Lora Zamorano, President, PIROVAL, (Association of Pyrotechnics in Valencia)

**16:00** 2026-10E DOGS AND FIRECRACKERS: A BEHAVIORAL PROTOCOL FOR THE PREVENTION AND REHABILITATION OF NOISE FEAR IN COMPANION ANIMALS - Carlos Orozco García & Miguel Ángel Muñoz, Keiko Escuela Canina & Instinto Alpha Escuela Canina, Spain

**16:30** 2026-20E REACTIVITY CHARACTERIZATION OF Al-NiO THERMITE COMPOSITE - Ricardo Mendes, J. Pimenta, J. Góis, and J. Quaresma, University Coimbra, ADAI, Dep. of Mechanical Engineering, Coimbra, Portugal

**17:00** 2026-02C STUDY OF MINIMUM SAFETY DISTANCES FOR FIREWORKS STIPULATED DIFFERENTLY IN VARIOUS FIREWORKS STANDARDS - Zhijian Peng, Tian Cheng Pyrotechnic Laboratory, China

**17:30** Close

## **FRIDAY: October 16<sup>th</sup> 2026**

## **Session 13**

Session Chairman: Paul Cukassy

**09:30** 2026-12E FASCINATED FOR FIRE! TRADITIONAL AND CULTURAL USE OF PYROTECHNICS IN CATALONIA - Roger Bernedo, ARS PIROTECNIA, S.L. Spain ES

**10:00** 2026-14E HEALTH, EPIDEMIOLOGICAL AND SOCIAL IMPACT OF FIREWORK USE IN EUROPE THE SPANISH CASE AS A CULTURAL AND REGULATORY MODEL OF SAFETY - Jordi Brau Estrada, CIALFIR SL. Spain ES

**10:30** Break

## **Session 14**

Session Chairman: Santiago López Gonzáles – Vice President and Treasurer, AEPIRO, Owner- CEO, Pirotecnia López, S.L.

**11:00** 2026-03USA THE EXPO '92 SEVILLA LAKE SHOW: ARTISTIC VISION DRIVING INNOVATION IN MULTIMEDIA PYROTECHNICS - Alberto Navarro, Infinity Visions Inc. USA

**11:30** 2026-16E EVOLUTION OF PYROTECHNICS AND FIREWORKS IN VALENCIA, SPAIN FROM 1840 TO 1950 - Félix M. Goñi, Instituto Biofisika, and Donostia International Physics Center CSIC and University of the Basque Country, Spain

**12:00** 2026-17E THE PROTECTION OF FESTIVE AND RELIGIOUS EVENTS INVOLVING THE USE OF FIREWORKS IN SPAIN - Francesc Lleches Barber, IDELAB Ingeniería SL, Spain

**12:30** ISF Official Closing