

<b>Tuesday – 7 April</b>	
20:30 - 22:00	Welcome cocktail

<b>Wednesday – 8 April</b>	
08:00 - 09:00	Registration
09:00 - 09:30	Opening ceremony
09:30 - 10:30	Keynote lecture – Paulo Piloto
10:30 - 11:30	Session 1
11:30 - 12:00	Coffee break
12:00 - 13:30	Session 2
13:30 - 15:00	Lunch
15:00 - 16:00	Keynote lecture – Enrico Ronchi
16:00 - 17:00	Session 3

<b>Thursday – 9 April</b>	
09:00 - 09:30	Registration
09:30 - 10:30	Keynote lecture – José Torero
10:30 - 11:30	Session 4
11:30 - 12:00	Coffee break
12:00 - 13:30	Session 5
13:30 - 15:00	Lunch
15:00 - 16:00	Keynote lecture – Elsa Pastor
16:00 - 17:00	Session 6
20:30 - 23:00	CILASCI8 Conference dinner

<b>Friday – 10 April</b>	
09:00 - 09:30	Registration
09:30 - 11:15	Session 7
11:15 - 11:45	Coffee break
11:45 - 13:15	Session 8
13:15 - 13:30	Closing session
13:30 - 15:00	Lunch

Wednesday – 8 April	
08:00 - 09:00	Registration
09:00 - 09:30	Opening ceremony
09:30 - 10:30	Keynote lecture - Paulo Piloto ‘Finite element model to determine the fire resistance of protected timber columns’
10:30 - 11:30	Session 1 -
10:30-10:45	‘Influence of particle size and sample size in the thermal susceptibility of solid biomass’ <i>B. Castells Somoza (UPM, Spain), B.C. Hagen (HVL, Norway), N. Fernandez-Anez (HVL, Norway)</i>
10:45-11:00	‘Caracterización del tamaño de partícula de materiales pulverulentos combustibles: un nuevo enfoque’ <i>S. Ruiz (UR, Spain), A. Varela (UR, Spain), R. Lostado (UR, Spain), J. Arbizu (UR, Spain), M. Martínez-Calvo (UR, Spain), A. Tascón (UR, Spain)</i>
11:00-11:15	‘Operational wildfire ensembles for electric grid assets: mapping burn probability and exposure’ <i>J.L. Gómez (CSIC, Spain), A. Cantizano (ICAI, Spain), P. Ayala (ICAI, Spain)</i>
11:15-11:30	‘Efecto de la compactación en la temperatura de ignición de capas de polvo de biomasa lignocelulósica’ <i>A. Varela (UR, Spain), F.J. García (UNIZAR, Spain), A. Tascón (UR, Spain)</i>
11:30 - 12:00	Coffee break
12:00 - 13:30	Session 2 -
12:00-12:15	‘Wood joints in single shear under fire, comparison between protected and unprotected’ <i>J. Aguiar (IPP, Portugal), E.M.M. Fonseca (IPP, Portugal)</i>
12:15-12:30	‘Análise numérica do comportamento termomecânico de vigas de aço formado a frio com aberturas na alma’ <i>A. Antônia (UFMG, Brasil), J.Paulo C. R. (UC, Portugal), Francisco C. R. (UFMG, Brasil)</i>
12:30-12:45	‘Crack opening pattern of flat slabs exposed to fire: numerical analysis on displacement rate’ <i>A. Romero Fanton (UNICAMP, Brasil), L.C. de Almeida (UNICAMP, Brasil), L. Mouta Trautwein (UNICAMP, Brasil)</i>
12:45-13:00	‘Proposal of analytical formulae for the calculation of the fire resistance of double-tube and double-skin square sections’ <i>R. Lopes (UC, Portugal), A. Correia (IPC, Portugal), J. Rodrigues (UC, Portugal)</i>
13:00-13:15	‘Rehabilitation of structures after fire supported by artificial intelligence in decision-making’ <i>L. Maris (UFMG, Brasil), J.P.C. Rodrigues (UC, Portugal)</i>
13:15-13:30	‘Módulos de elasticidade estático e dinâmico residuais de argamassas mistas com areia descartada de fundição expostas a altas temperaturas’ <i>C. Moura (UNICAMP, Brasil), D. Massola (UNICAMP, Brasil), G. Ferreira (UNICAMP, Brasil), M. Rodrigues (UNICAMP, Brasil), A. Moreno Jr. (UNICAMP, Brasil), M. Pires (UNICAMP, Brasil)</i>
13:30 - 15:00	Lunch
15:00 - 16:00	Keynote lecture - Enrico Ronchi ‘Towards inclusive evacuation design through egressibility research’
16:00 - 17:00	Session 3 -
16:00-16:15	‘Proposal for a method of evaluating fire safety conditions in buildings of historical and cultural interest that house collections’ <i>R. Ono (USP, Brasil)</i>
16:15-16:30	‘On the fire risk of historical buildings in minas Gerais- Brazil’ <i>L. Maris (UFMG, Brasil), J. Paulo C. R. (UC, Portugal)</i>
16:30-16:45	‘Sequência incêndio-explosão ou vice-versa num acidente’ <i>Jorge Saraiva (Dinâmica Aplicada, Portugal)</i>
16:45-17:00	‘Fire forensics aided by computational tools’ <i>R. Almeida Freitas (UC, Portugal), J.P.C. Rodrigues (UC, Portugal)</i>

Thursday – 9 April	
09:00 - 09:30	Registration
09:30 - 10:30	Keynote lecture - José Torero 'Fire safety engineering in the aftermath of the grenfell tower inquiry'
10:30 - 11:30	Session 4 -
10:30-10:45	'A simple evacuation model for confined spaces' <i>A. Cuesta (UC, Spain), P. Saez (UC, Spain), J. González-Villa (UC, Spain), D. Alvear (UC, Spain)</i>
10:45-11:00	'Attitudes of companions during hospital fire evacuation' <i>F. Latosinski (UNPSJB, Argentina), A. Cuesta (UC, Spain), D. Alvear (UC, Spain), D. Fernández (UNPSJB, Argentina)</i>
11:00-11:15	'Uso de simulação computacional para análise de cenários de abandono em situação de incêndio no restaurante universitário do campus central da ufrgs' <i>A. Lechner (Brasil), Â. Gaio Graeff (UFRGS, Brasil), G. Dalfollo Brackmann (UFRGS, Brasil)</i>
11:15-11:30	'Formación en seguridad contra incendios en España: panorama y necesidades' <i>P. Vacca (UPC, Spain), A. Àgueda (UPC, Spain), E. Pastor (UPC, Spain), D. Alvear (UC, Spain), E. Planas (UPC, Spain)</i>
11:30 - 12:00	Coffee break
12:00 - 13:30	Session 5 -
12:00-12:15	'Multi-component thermal interaction analysis of internal cell components for li-ion battery safety' <i>J.M.H. Egea (UPV, Spain), J. Monsalve-Serrano (UPV, Spain), J.M. Gimeno (UPV, Spain), A. García Martínez (UPV, Spain)</i>
12:15-12:30	'Fire safety implications of thermal runaway propagation and gas emissions in prismatic lithium-ion battery modules' <i>A. Gómez-Soriano (UPV, Spain), C. Carvallo (UPV, Spain), C. Micó (UPV, Spain), A. García (UPV, Spain)</i>
12:30-12:45	'Analysing European fire incidents in Electric Vehicles' <i>M. Manes (U. Liverpool, UK), U. Rojas-Alva (ZAG, Slovenia)</i>
12:45-13:00	'Estimation of axial thermal conductivity in lithium-ion cells via power steps' <i>D. Penagos-Vasquez (UPV, Spain), J. Marco Gimeno (UPV, Spain), J. Monsalve-Serrano (UPV, Spain), A. García (UPV, Spain)</i>
13:00-13:15	'Characterization of hydrogen leaks and flammability study in zero-emission H <sub>2</sub> -powered aircraft' <i>L. Vega (CTA, Spain), A. Errarte (MGEP, Spain), I. Sáez de Ocáriz (CTA, Spain), M.M. Bou-Ali (MGEP, Spain)</i>
13:15-13:30	'Application of machine learning to electric vehicle occupancy prediction and safety analysis' <i>Á. Ramos (UNAV, Spain), C. Martín-Gómez (UNAV, Spain), J. Blanco (Pamplona City Council, Spain), M.Z. Mohd Tohir (UPM, Malaysia)</i>
13:30 - 15:00	Lunch
15:00 - 16:00	Keynote lecture - Elsa Pastor 'A multi-scale framework for assessing wildland-urban interface fire risk to support emergency planning: application to Barcelona communities'
16:00 - 17:00	Session 6 -
16:00-16:15	'From CFD to forecast: LSTM-based modeling of backlayering evolution in longitudinally ventilated tunnel fires' <i>P. Ayala (ICAI, Spain), L. Amo (ICAI, Spain), A. Cantizano (ICAI, Spain)</i>
16:15-16:30	'Análisis prestacional de un falso túnel urbano frente a la acción del incendio. Caso de estudio' <i>A. Torres (JVVA, Spain), R. Cerdeiriña (JVVA, Spain), A. López (JVVA, Spain)</i>
16:30-16:45	'Seguridad contra incendios en terminales aeroportuarias - la necesidad de una visión holística' <i>G. Vigne (JVVA, Spain), J. Jönsson (JVVA, Spain), M. Juárez Solano (Sacyr, Spain)</i>
16:45-17:00	'Performance based design of water based fire protection systems in mining conveyor belts using CFD' <i>P. Valdés (MAPA Fire, Chile), M. Perez (MAPA Fire, Chile)</i>

Friday – 10 April	
09:00 - 09:30	Registration
09:30 - 11:15	Session 7 -
09:30-09:45	<b>‘Forensic evaluation of wildland fire spot ignition by steel sparks from hot work: a case study’</b> <i>J.L. Urban (WPI, USA), Jose Rivera (UCB, USA), Carlos Fernandez-Pello (UCB &amp; Reax Engineering, USA)</i>
09:45-10:00	<b>‘Proposition of a simple relation to describe transient kinetics of solvent pool fire’</b> <i>G. Auguin (Efectis, France), M. Fleurotte (Efectis, France)</i>
10:00-10:15	<b>‘Evaluation and thermal characterization of boundary conditions in the ISO 50399 cable fire test apparatus for digital twin development’</b> <i>A. Alonso (UC, Spain), M. Lázaro (UC, Spain), E. Pérez (Prysmian Cables Spain), E. Opazo (Prysmian Cables Spain), N. Generó (Prysmian Cables Spain), D. Alvear (UC, Spain)</i>
10:15-10:30	<b>‘Fire safety of green facades: analysis of plant species and sustainable solutions for Brazilian context’</b> <i>L. Alves (UFMG, Brazil), J.P.C. Rodrigues (UC, Portugal)</i>
10:30-10:45	<b>‘Argamassas mistas com substituição da cal hidratada por escória de forno panela submetidas a temperaturas elevadas: propriedades mecânicas residuais’</b> <i>T. Silva (UNICAMP, Brasil), E. Souza (UNICAMP, Brasil), E. Mariano (UNICAMP, Brasil), G. Ferreira (UNICAMP, Brasil), A. Moreno Jr. (UNICAMP, Brasil), M. Castro (UNICAMP, Brasil), M. Soares (UNICAMP, Brasil)</i>
10:45-11:00	<b>‘Scaling-up ventilation conditions influence on pool fire combustion’</b> <i>M. González-Alvear (CIF Cantabria, Spain), D. Lázaro (UC, Spain), M. Lázaro (UC, Spain), E. Morgado (CSN, Spain), M.Á. Jiménez (CSN, Spain), D. Alvear (UC, Spain)</i>
11:00-11:15	<b>‘Estudo comparativo entre os tipos de dispositivos hidráulicos para combate a incêndio utilizados nos sistemas de hidrantes em edifícios residenciais multifamiliares’</b> <i>V. Goulart Oliveira (IFSC, Brasil), A.P. Pupo Correia (IFSC, Brasil), B. Brasil Bielschowsky (IFSC, Brasil), D. de Paula (IteCons, Portugal), J. Guarda de Albuquerque (IFSC, Brasil)</i>
11:15 - 11:45	Coffee break
11:45 - 13:15	Session 8 -
11:45-12:00	<b>‘Análise de indeferimentos dos projetos de prevenção e segurança contra incêndios de edificações de ocupação residencial multifamiliar vertical localizadas no município de Santo Amaro Da Imperatriz/Sc’</b> <i>Y. Coelho (IFSC, Brasil), A.P. Pupo Correia (IFSC, Brasil)</i>
12:00-12:15	<b>‘Engenharia de segurança contra incêndio, legislação e acessibilidade: uma análise por meio do design universal’</b> <i>J. Pinheiro Pires (UFRGS, Brasil), Â. Gaio Graeff (UFRGS, Brasil), R. Jongh Pötter (UFRGS, Brasil)</i>
12:15-12:30	<b>‘Legislação de segurança contra incêndio em Santa Catarina, no Brasil, e em Portugal para edificações residenciais multifamiliares’</b> <i>B.S. Vachin (UTFPR, Brasil), R.E. Catai (UTFPR, Brasil), G.A.F. Rouxinol (IPV, Portugal)</i>
12:30-12:45	<b>‘Análise do conhecimento de engenheiros e arquitetos sobre a reação ao fogo dos materiais de construção’</b> <i>Â. Gaio Graeff (UFRGS, Brasil), F. Risbacik (UFRGS, Brasil), K.L. Brandão (UFRGS, Brasil), M. Muller Anschau (UFRGS, Brasil), S. Onofre Cavalcante (UFRGS, Brasil)</i>
12:45-13:00	<b>‘Mapeamento de metodologias de análise de risco para incêndios em contexto urbano – protocolo de revisão de escopo’</b> <i>A.J. de Veras da Silva (COPPE/UFRJ, Brasil), E. Esteves Lasmar (UFMG, Brasil), P.G. Von Kruger (UFMG, Brasil), O.C. Rotunno Filho (COPPE/UFRJ, Brasil), C. Calmeiro dos Santos (IPCB, Portugal)</i>
13:00-13:15	<b>‘Holistic approach towards fire safety of facades: proposed regulatory framework for fire safe buildings’</b> <i>F. Okwara (Modern Building Alliance, Belgium), E. Gallo (EUMEPS, Belgium)</i>
13:15 - 13:30	Closing session
13:30 - 15:00	Lunch