



14th International Wildland Fire Safety Summit
The Palau Reial de Pedralbes ♦ Barcelona, Spain ♦ January 31, 2017
PROGRAM SCHEDULE

Tuesday, January 31		
8:00-9:00	Arrival Tea and Coffee	
8:00	Registration Opens	
9:00-9:30	Welcome and Opening Remarks	
9:30-10:20	Keynote Presentation: Safety as a Culture of Decision Making <i>Marc Castellnou, Chief of Forest Fire Area, Catalan Fire and Rescue Service</i>	
10:20 - 10:50	Networking Break & Tea	
Concurrent Sessions		
	Room One	
	Room Two	
10:50-11:10	1. The Fire Episode of Funchal (Madeira) in August 2016 – An Extraordinary Event of WUI and Fire Safety Risk <i>Luís Mário Ribeiro</i>	7. When Simplified Communication Doesn't Match Lived Complexity: Best Practices and Creative "Work-Arounds" <i>Rebekah Fox</i>
11:10-11:30	2. Harmonization of Information for Operational Collaborative Firefighting Events <i>Miguel Almeida</i>	8. National Response Framework in the United States – How the Firefighting Can be Supported through Collaboration with Emergency Response and Vice Versa <i>Jenna Sloan</i>
11:30-11:50	3. Fire Extremes Beyond Firefighter Experience <i>Timothy Brown</i>	9. Improved Security in Fighting Forest Fires in Valencia Community. Towards a High Reliability Organization <i>Raúl Quílez</i>
11:50-12:10	4. Crew Mobility Analysis in Wildland Firefighting <i>Joaquín Ramírez</i>	10. A Real-time Extreme Fire Behavior Risk Assessment System to Improve Wildland Firefighter Situational Awareness <i>W. Matt Jolly</i>
12:10-12:30	5. Transition to Life-First: After the First Year, a Field-based Review of Policy and Practice after the First Year of "Life-first Engagement" <i>Ron Steffens</i>	11. Reviewing High Risk and High Consequence Decisions: Finding a Safer Way <i>Michael Eburn</i>
12:30-12:50	6. Smoke: A Safety Threat to Fire Personnel and the Public <i>Peter Lahm</i>	12. A Tool for Monitoring Teamwork During Emergency management <i>Chris Bearman</i>
12:50-2:15	Lunch	
2:15-3:05	Keynote Presentation: Fire Survival Systems - The Future <i>Dr. Richard Thornton, Chief Executive Officer of the Bushfire and Natural Hazards CRC</i>	
3:05-3:20	Transition to Concurrent Sessions	
Concurrent Sessions		
	Room One	Room Two
3:20- 3:50	13. After Action Reviews: A Safety Tool. Lessons Learned from the Interdispositivos 2014: 'La Riba de Saelices' Fire After Action Review <i>José Luis Duce Aragués</i>	18. Fire Scenarios: A New Concept for Fire Management at the Landscape Scale <i>Cristina Montiel Molina</i>
3:50-4:10	14. Reflective Interview as an Authentic Resource in Rural Fire Fighter Training <i>Richard Parker</i>	19. Using Wildfire Prediction Technology on the Fireground <i>George J. Milne</i>
4:10 - 4:30	15. Wildland Urban Interface: Wildland Firefighting Safety Problems and Challenges <i>Clara Quesada- Fernández</i>	20. How Does Wind Impact Firefighter Safety Zone Size? <i>Bret Butler</i>
4:30-4:50	16. Wildfire are Local Fires: Training and Operations Needs of US Municipal and Rural Fire Departments <i>Michele Steinberg</i>	21. Identifying Defensible Spaces at the Micro and Meso Scales: Some Examples in Mediterranean WUI <i>David Caballero</i>
4:50-5:10	17. Municipal Fire Departments in the United States and their Level of Preparedness in the Event of a Wildfire – a Quantitative Perspective <i>Hylton Haynes</i>	22. Application of New Technologies: Drones in the Extinguishing of Fire <i>Codina Meritxell</i>
5:00-5:30	Networking Break and Tea	
5:30-6:15	Keynote Presentation: The History and Development of the Fire Shelter <i>Anothy Petrilli, Fire and Aviation Program, US Forest Service, Missoula Technology and Development Center (MTDC)</i>	
6:15- 7:30	Social Hour and Poster Presentations	
7:30 pm	Awards and Social Dinner	

14th International Wildland Fire Safety Summit
Barcelona, Spain
January 31, 2017

Poster Presentations

P1. Nighttime Aerial Firefighting Solutions: Nitorfirex Project

Presenter: Luis Bordallo

P2. Accurate Fire Localization in Real Time Video Surveillance

Presenter: Azarm Nowzad

P3. Complex Adaptive Systems Thinking: A Tool for Understanding and Adapting in the Face of Incidents and Accidents

Presenter: Ivan Pupilidy

P4. New Technologies to Automatically Track Fire Perimeters and Forecast Fire Spread in Real Time

Presenter: Mario Valero

P5. A New Firefighter Safety Zone Calculator

Presenter: Bret Butler

P6. Empowering fireline awareness with mobile technology: opportunities and challenges

Presenter: Joaquin Ramirez

P7. Goal Seduction

Presenter: Chris Bearman

P8. Communicating Emotion Over the Radio

Presenter: Elena Gabor

P9. eMap Tree Hazard Layer

Presenter: Sam Hillman

P10. BURNOUT: a Rapid Mapping burnt area extraction tool

Presenter: Mathilde CASPARD

P11. Remote Sensing Products Wildland Fire Support in the United States

Presenter: Jenna Sloan

P12. Efficiency of portable water cannons in the reduction of the rate of fire front spread near a WUI zone

Presenter: Luís Mário Ribeiro

P13. Using Smartphones for Situational Awareness when Network Connectivity is Unavailable

Presenter: Jorge Perdomo

P14. FIRE-RS System – Integrating Land Sensors, CubeSat Communications, Unmanned Aerial Vehicles and a Situation Assessment Software for Wildland Fire Characterization and Mapping

Presenter: Franco Perez-Lissi

P15. Prescribed burning or mechanical clearcutting management options to reduce shrub encroachment into mountain grasslands: effects on woody cover, plant richness and pastoral value

Presenter: Pere Casals

P16. 10 Things Every Fire Leader Should Have Been Trained In Decision Making

Presenter: Domingo Villalba

P17. Assessing Impacts of Climate Change and Human Population Growth on Forest Fire Potential in the Tropics - A Case Study of the Tain II Forest Reserve in Ghana

Presenter: Eric Osei-Kwarteng

P18 Operational Awareness and Reporting via Asset Telemetry and Tracking

Presenter: Victor Trotter