



Firefighting is a physically and mentally demanding occupation since firefighters have to make many time-critical decisions in possibly life-threatening situations. Thus, they have to go through extensive training in order to increase their preparedness for these demanding situations. SAFED partnership comprises of universities and training organizations, fire services and civil protection volunteers' organizations as well as a non-profit research organization with a view to support firefighters in acquiring and developing further their skills and competences and improve the quality and effectiveness of their training through an innovative training methodology supporting the effective use of digital technologies and distance learning pedagogies. We herewith provide our view on how project results and activities serve specific priorities of the program.

INSCRIPCIÓN GRATUITA en la jornada del 29 (hasta el 23 de noviembre) enviando un e-mail a safed@unizar.es con:  
 · Nombre y apellidos · DNI · Teléfono · Lugar de trabajo / Puesto



# CS2FS · 2018

November, 27<sup>th</sup>, 28<sup>th</sup>, 29<sup>th</sup>  
 La Almunia de Doña Godina & Zaragoza (Spain)



**II Conference on Sustainable  
 Simulation for Fire Safety**

# SAFED

SAFETY · FIRE · DESIGN

SAFETY, FIRE & DESIGN:  
 SIMULATION FOR FIRE SAFETY TRAINING



27/11/2018		
9:30	Welcome	<b>Firefighters Diputación de Zaragoza</b> - Presentation of the day and objectives.
9:40 - 10:20	Presentations	<b>Unblur</b> (20 min) Presentation about technology and coordinators. Presentation of IRIS. <b>DJI</b> (20 min) Presentation about drones for emergencies. Details about use of drones in this conference.
10:30 - 12:30	Exercises / Drills	1 <sup>st</sup> Forest Fire (Off-road training area). 2 <sup>nd</sup> Fire with methanol spillage and victim (Fire in two floors). 3 <sup>rd</sup> Worker rescue at a height (Blue House). 4 <sup>th</sup> Accident with toxic leakage in the aquifer that flows into a river with victims (Off-road training area). 5 <sup>th</sup> Fire of open deposit with victim (circular pool). 6 <sup>th</sup> Accident in confined area - landslides (Dogs area). 7 <sup>th</sup> Fire of butane cistern with victim (Grazing runway). 8 <sup>th</sup> Fire in residence with multiple victims (Blue House). 9 <sup>th</sup> Fire of gasoline tank (Fire Truck). 10 <sup>th</sup> Bus accident against car and motor fire (Bus). 11 <sup>th</sup> Traffic accident with victims (Heliport). 12 <sup>th</sup> Fire of car in gas station with burning drums and victim (Area of fire extinguishers). 13 <sup>th</sup> Accident in a well (Well at pool). 14 <sup>th</sup> Heptane leakage with victim (GRG area).
13:30	Closing	<b>Unblur &amp; DPZ:</b> Acknowledgment to the public & participation teams.
14:00	Lunch	La Almunia de Doña Godina.

28/11/2018	
8:30	<b>Welcome - Opening Session</b> Introduction of the Agenda. <b>Participants' introductions</b> (5 minutes per partner organization).
9:00	<b>SAFED Project activities overview</b> – Workplan. <b>Presentation of Intellectual outputs:</b> High level description, planning, responsibilities, effort.
9:50	<b>Presentation of Training Activities:</b> High level description, planning, responsibilities, budget.
10:45	<b>Coffee Break</b>
11:15	<b>Presentation of Multiplier Events:</b> High level description, planning, responsibilities.
12:00	<b>Administrative/Management/Financial issues</b> - General budget and single cost items. Budget distribution per partner, partner agreement & payment transfers process after adherence to work plan and reporting rules.
12:45	<b>Quality Assurance Strategy</b> – Presented by CRE.THI.DEV - Internal quality monitoring process - Quality metrics for outputs, training and dissemination activities - Review and acceptance process for sign off of deliverables
13:30	<b>Lunch break</b>
14:30	<b>Detailed Presentation for the first 6 months activities</b> - To do list next 6 months
15:15	<b>Development of the website of the project/ face book page etc</b>
15:45	<b>Kick-off Meeting Evaluation/Summary</b> - Meeting Conclusion Tasks - Review of open items - Next meeting
16:15	<b>Closure of the Day</b>

29/11/2018 · Sala de juntas de la EINA (Calle María de Luna - Edificio Agustín de Betancourt – 50018 Zaragoza)	
9:00	<b>Opening of the Technical Session – SAFED Project</b> D <sup>a</sup> <b>Pilar Alegría Contente</b> (Consejera de Innovación, Investigación y Universidad) D. <b>José Ángel Castellanos Gómez</b> (Director Escuela de Ingeniería y Arquitectura – EINA) D. <b>Francisco Valdivia Calvo</b> (Director del CPIFP Corona de Aragón) D. <b>Eduardo J. Sánchez Álvarez</b> (Inspector Jefe del Servicio Provincial Extinción Incendios – SPEI) D. <b>César García-Hernández</b> (PDI / Contacto de la Universidad de Zaragoza en el Proyecto SAFED)
9:20	<b>Aplicaciones informáticas para el Puesto de Mando Avanzado</b> (Computer Applications for the Advanced Control Post) Firefighter Officer <b>Gabriel Luena Campos</b> (DPZ)
9:40	<b>Drones y mapeo de muy alta resolución para la búsqueda de personas desaparecidas</b> (Drones and very high resolution mapping for searching disappeared persons) Firefighter Officer <b>José Luis Calvete Aguilar</b> (DPZ)
10:00	<b>The Cyprus Fire Service's actions against the challenges in modern society</b> Sergeant <b>Nikos Mardas</b> (Cyprus Fire Service) and Dr. <b>Christos Dimopoulos</b> (European University Cyprus)
10:20	<b>Coffee break</b>
11:00	<b>Firefighting and collaboration during the last summer wild fires in Greece</b> Civil Protection in Penteli - Hellenic Fire Service (Pending official confirmation)
11:20	<b>Experiencia del CPIFP Corona de Aragón en Proyectos Europeos</b> (Experience of CPIFP Corona de Aragón in European Projects) Mr. <b>Emilio Ferrero Arias</b> (CPIFP Corona de Aragón)
11:40	<b>Investigación previa relacionada con seguridad y ergonomía: del aislamiento al rescate de víctimas</b> (Safety and ergonomics previous research: from isolation to victim rescues) Dr. <b>César García-Hernández</b> (University of Zaragoza)
12:00	<b>Questions and further collaboration proposals</b>
12:30	<b>End of technical session</b>