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SenForFire

Final Conference

Wireless Sensing Technologies for Wildfire Prevention and Early Detection



Junta de Castilla y León

Valladolid, Spain

November 17-18, 2026



Dirección General de Patrimonio Cultural, JCyL
Monasterio de Nuestra Señora del Prado
Avda. del Real Valladolid s/n, 47071 Valladolid

SenForFire Final Conference

Tuesday, November 17

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Prototypes, Pilots, and Cloud-based Tools

08:30 – 09:00	**Arrival and registration**		DG Patrimonio Cultural Junta de Castilla y León
09:00 – 09:15	**Welcome**		DG Patrimonio Cultural Junta de Castilla y León
09:15 – 09:30	**Introduction**	Esther Hontañón	ITEFI-CSIC
09:30 – 10:30	**MEMS sensors**	Stella Vallejos Lionel Presmanes Philippe Menini	IMB-CSIC CNRS-CIRIMAT CNRS-LAAS
10:30 – 11:00	**Fire detection modules**	Jesús Lozano Raimundo Alfonso	UEX RAY-IE
11:00 – 11:30	**Weather and soil monitoring modules**	Sofía Aparicio Raimundo Alfonso Eisharc Jaquet	ITEFI-CSIC RAY-IE SL ARANTEC SL
11:30 – 12:00	**Coffee-break**		
12:00 – 12:15	**Controlled burns**	Mercedes Guijarro	ICIFOR-INIA-CSIC
12:15 – 12:30	**Sensor network**	Darío Sánchez	ITEFI-CSIC
12:30 – 12:45	**Fuel moisture**	Cristina Carrillo	ICIFOR-INIA-CSIC
12:45 – 13:30	**Cloud-based platform**	Pedro Salgueiro, João Cardoso	University of Évora
13:30 – 15:00	**Lunch (standing buffet)**		
15:00 – 15:30	**Early fire detection**	Stella Vallejos Jesús Lozano Juan Luis Gómez	IMB-CSIC UEX ITEFI-CSIC
15:30 – 16:30	**Soil and fuel moisture monitoring**	Juan Luis Gómez Cristina Carrillo Mario Alonso	ITEFI-CSIC ICIFOR-INIA-CSIC EPAIF, Cáceres
16:30 – 17:30	**AI-driven wildfire danger forecast**	Alberto Cardoso	University of Coimbra
17:30 – 19:30	**Poster session and exhibition**		
20:00	**Dinner**		

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New Perspectives and Operational Applications

09:00 – 09:15	**Introduction**	Esther Hontañón	ITEFI-CSIC
09:15 – 10:00	**From deployment to operation: Lessons learned from wildfire detection networks at scale**	José Luis Liz Graña (*)	PYRO Fire Extinction SL
10:00 – 10:45	**Beyond a single fire danger Index: New approaches for Mediterranean landscapes**	Marcelino Núñez (*) Elia Quirós (*) Javier Madrigal	AEMET UEX ICIFOR-INIA-CSIC
10:45 – 11:15	**Coffee-break**		
11:15 – 12:00	**RAT_EOS_PC: Early warning networks for climate change-related risks using earth observation satellites for Civil Protection response**	Cristina Montesinos (*)	CICYTEX
12:00 – 12:45	**Remote sensing solutions for early fire detection: Understanding their real world application**	Nick Wilson	The Australian National University, Canberra, Australia Bushfire Research Centre of Excellence (BRCoE)
12:45 – 13:45	**Wildfire CE: Enabling cross-boundary assessment, communication and management of wildfire risks in Central Europe**	Matevž Brataševec	Municipality of Ajdovščina, Slovenia Coordinator for Civil Protection and General Affairs
13:45 – 14:00	**Closure**	Esther Hontañón	ITEFI-CSIC
14:00	**Lunch (standing buffet / take-away)**		

(*) Remote presentation