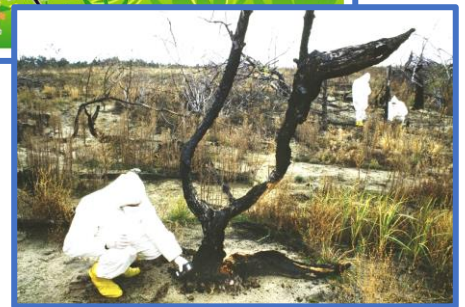
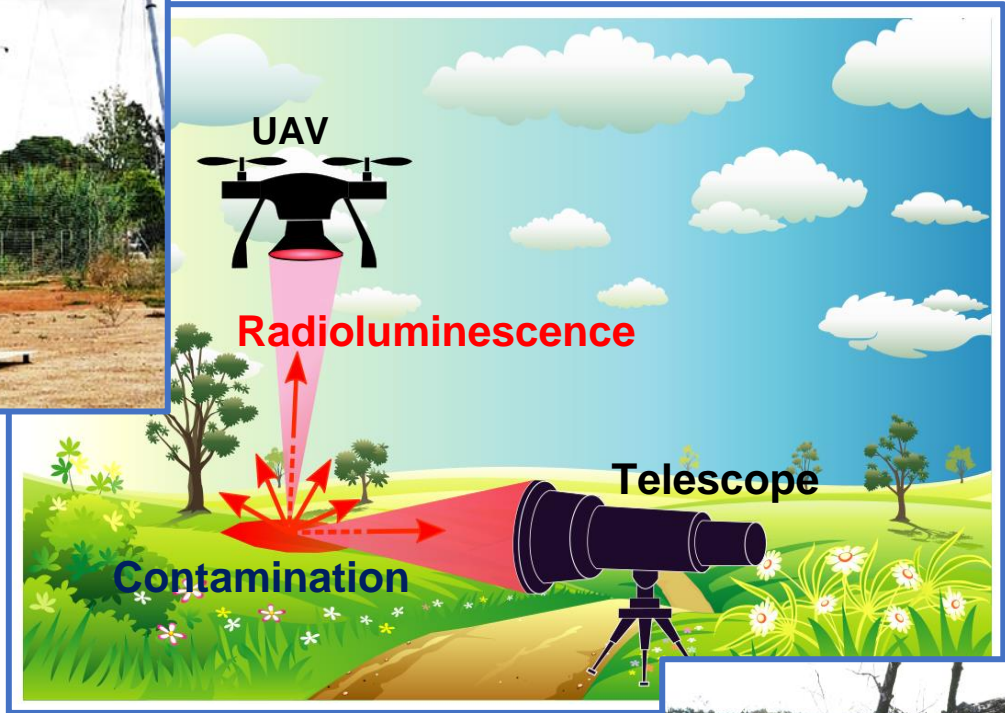


The EMPIR initiative is co-funded by the European Union's Horizon 2020 research and innovation programme and the EMPIR Participating States



EMPIR 19ENV02 RemoteALPHA presents

Demo Day



5th July 2023 Castelldefels (Barcelona)

This project 19ENV02 RemoteALPHA has received funding from the EMPIR programme co-financed by the Participating States and from the European Union's Horizon 2020 research and innovation programme.



Invitation

Dear Madam/Sir,

It is a great pleasure for me, as the coordinator of the RemoteALPHA project, to invite you to **the Demo Day** which will be held on the 5th of July at the Technical University of Catalonia (UPC) Baix Llobregat Campus (Barcelona, Spain).

During the last three years, researchers of the RemoteALPHA project have developed novel optical detection systems for remote measurement of alpha radiation and dedicated calibration systems for their metrological characterization. The main purpose of this Demo Day is to show to potential users the capabilities of the developed detection systems and calibration procedures.

Please confirm your attendance by the **2nd of June** via email to: **arturo.vargas@upc.edu**

Sincerely Yours,
Faton Krasniqi

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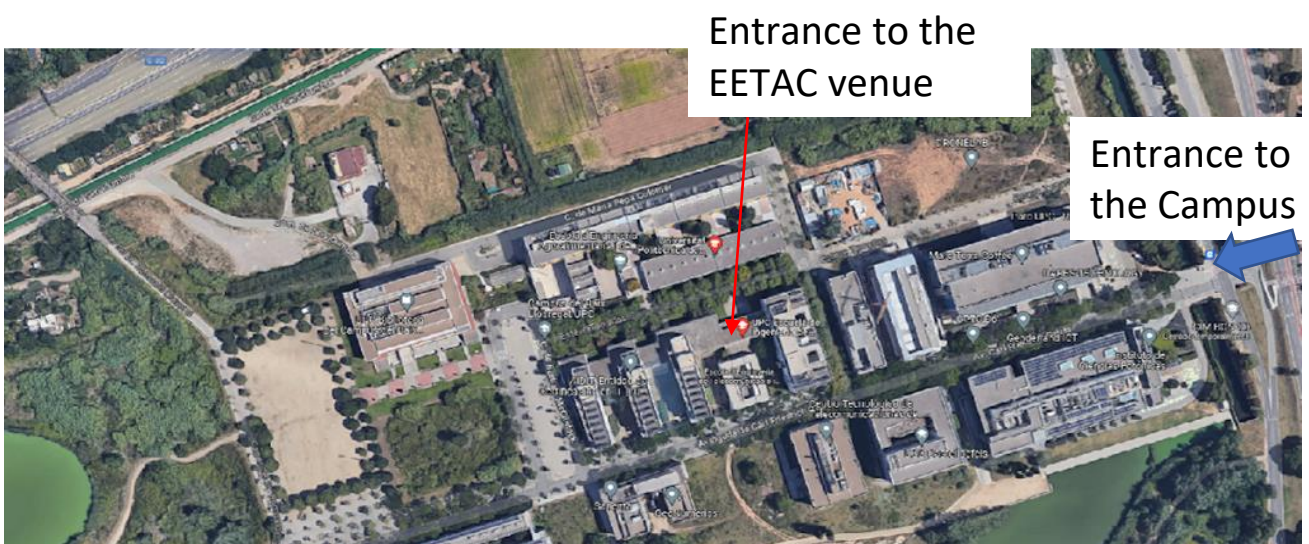
Venue

Escola d'Enginyeria de Telecomunicació i Aeroespacial de Castelldefels (EETAC)

Esteve Terradas, 7 - 08860 Castelldefels

The EETAC is located next to the Olympic Channel, 10 minutes from the town of Castelldefels and Castelldefels beach. The place can be reached **by train from Barcelona-Sants** (only 20 min) and it is close to the Barcelona-El Prat airport.

For more information, please visit: <https://eetac.upc.edu/en/the-school/how-to-arrive>



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Agenda

5th of July, Campus Baix Llobregat (Castelldefels)

09:30	Registration	
10:00	Opening & Welcome	David Rincón (UPC), Dean of International Relations
10:05	Organizational aspects	Arturo Vargas (UPC), Director of the INTE
10:10	The RemoteALPHA project at a glance	Faton Krasniqi (PTB), project coordinator
10:25	Scientific and technical aspects of alpha radioluminescence detection	Johan Sand (ALFA RIFT), researcher
10:40	Novel optical technologies for traceable measurement of alpha contaminations	Maksym Luchkov (PTB), researcher
10:55	The hardware and software for UAV-enabled alpha sensing	Pablo Royo (UPC), researcher
11:10 – 11:45	Group Photo + Coffee Break	
11:45 – 12:45	Demo of UV imaging systems. Laboratory	
13:00 – 14:15	Demo of UV-sensing drone systems. DroneLab	
14:30	Social Lunch at a restaurant in Castelldefels (tbd)	

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RemoteALPHA

Demo Day

Technical University of Catalonia (UPC)

Baix Llobregat Campus

Escola d'Enginyeria de Telecomunicació

i Aeroespacial de Castelldefels (EETE)

Esteve Terradas, 7

08860 Castelldefels (Barcelona), Spain

Contact: Dr. Arturo Vargas

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5th July 2023

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