

In recent years, the frequency of large-scale forest fires has increased significantly owing to a number of factors including the effects of climate change, urbanization, poor landscape management and malevolent acts. These so-called "Mega-fires" are particularly destructive and difficult to control with the technologies and systems currently available to fire fighters and emergency services and agencies.

The AF3 project intends to provide an extraordinary improvement to the efficiency of current fire-fighting operations and to the protection of human lives, the environment and property by developing innovative technologies and means to ensure a high level of integration between existing and new systems.

The "AF3 Conference & Summer School on Forest Fire Management" which will take place on 20-22 September 2016 in Rome, Italy, is targeted at the operators involved in forest fires and has the following goals:

- 1) To Provide an overview of recent research and trends on forest fire management, particularly with respect to forest fire behaviour, fire detection, risks for the operators, innovation in firefighting techniques;
- 2) To explain and demonstrate the approaches developed in the European FP7 Project AF3 in order to improve the current state of art;
- 3) To provide the forest fire operators the opportunity of using the AF3 Core Expert Engine, which is a software system for the coordination of fire-fighting missions.

The event is divided into two parts. In the first part (1 day and a half), the various topics will be discussed through presentations from invited speakers coming from universities and companies not directly involved in the project, as well as from AF3 project partners. In the second part (1 day and a half), the AF3 Core Expert Engine will be presented and then used by the operators with respect to a fire scenario corresponding with a past real event.

ADDITIONAL INFORMATION: www.af3project.eu

Participation to the summer school is free of charge.

Registration should be performed by sending an email to claudia.sibilla@polito.it indicating name, affiliation and phone number.

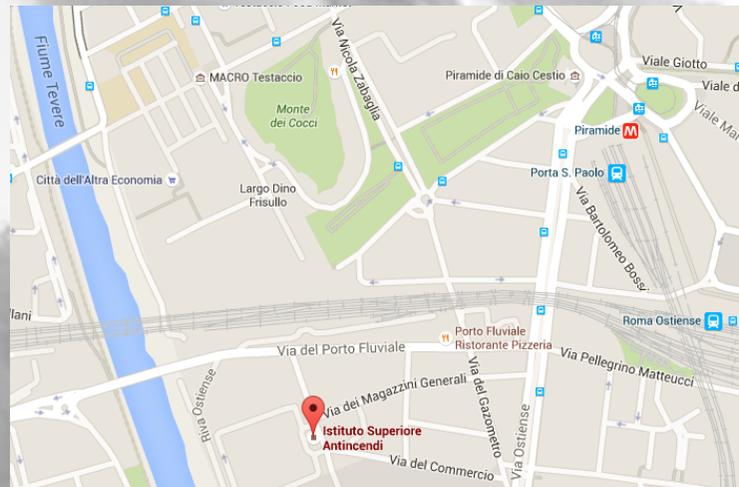
Deadline for registration: September 12

AF3 Conference & Summer School on Forest Fire Management

Istituto Superiore Antincendi – Rome
Italy

September 20-22, 2016

Istituto Superiore Antincendi
Via del Commercio, 13 - Rome



Preliminary programme

	time scheduling	20/09/2016	21/09/2016	22/09/2016
WHAT	9:00-12:45	9.00 - Registration 10.00 - Welcome (S. Marsella, ISA Director) 10.15 - AF3 project overview (C. Coveri, AF3 project coordinator) 10.45 - AF3 Conference and Summer School (V. Verda, Politecnico di Torino) 11.00 - Overview on Forest Fire Management (D. Ascoli, Università di Torino) 11.45 - Results of the AF3 tests in Greece (Demokritos, HMOD)	9.00 Topic 3 - Risk for fire operators - Invited Speaker (P.M. Fernandes Universidade de Trás-os-Montes e Alto Douro) - AF3 achievements (AF3 Consortium) 10.45 Coffee break 11.00 Topic 4 - Innovation in firefighting techniques - Invited speaker (L. Tonarelli, DREAm) - AF3 achievements (Elbit Systems, Pyro) - Open discussion 11.45 Exit pool	9.00 - AF3 system - Quick refresh of the instructions - Test session 10.45 Coffee break 11.00 - AF3 system - Test session - Questionnaires and feedbacks - Preliminary presentation of the tests in Spain
WHO		End Users of the AF3 tech Int Conference Attendees	End Users of the AF3 tech Int Conference Attendees	End Users of the AF3 tech
	12:45-14:00	LUNCH *	LUNCH *	LUNCH *
WHAT	14:00-18:00	14.00 - Topic 1: Forest Fire Behaviour - Invited Speaker (M. Salis, Università di Sassari) - AF3 achievements (Leonardo Finmeccanica) - Open discussion 15.45 - 16.05 Coffee break 16.05 Topic 2: Fire Detection - Invited Speaker (A. Benali, University of Lisboa) - AF3 achievements (AF3 consortium) - Open discussion 17.50 -Exit pool (Conference participants)	14.00 - AF3 system - Overview of the AF3 system and modules - Data sources, operation of each subsystem, outputs 15.45 - Coffee break 16.05 - AF3 system training - Analysis of the scenario - Instructions to the participants - Open discussion	14.00 - AF3 system - Available for a second session, depending on the number of participants
WHO		End Users of the AF3 tech Int Conference Attendees	End Users of the AF3 tech Int Conference Attendees	End Users of the AF3 tech
	20:00	DINNER - Each Partners*	-	-

* POLITO will cover expenditures (travel-lunch-hotel) for the invited speakers and advisory board, as well as the lunches for all registered attendees.