



# INVESTIGATING THE CAUSES OF FIRE

## 2<sup>ND</sup> INTERNATIONAL WORKSHOP

TUESDAY, 7 MAY 2013 · 8.30-18.00

ISTITUTO SUPERIORE ANTINCENDI · Via del Commercio, 13 · 00154 Roma

### • SCHEDULE

8.30/ 9.30  
9.30/ 9.45  
9.45/10.00

REGISTRATION OF THE PARTICIPANTS

WORKSHOP OPENING AND WELCOME - (Alfio Pini, Head of the National Fire Services, Italy)

OPEN SPEECH *An overview of the Arson phenomena in Italian Malls and Stores*

(Maurizio D'Addato, Fire Manager, National Fire Services, Italy)

### • SESSION 1 (Chaired by Francesco Notaro, Chief of Fire Investigation Office, National Fire Services, Italy)

10.00/10.30

*The role of the statistics in the fire investigation*

(Esa Kokki, Research Director, Emergency Services College, Finland)

10.30/11.00

*The new investigating paradigm on the scene of the crime*

(Luigi Saravo, Lieutenant Colonel, Carabinieri, Italy)

11.00/11.30

*The importance of the certification of testing laboratories that perform technical assessments for the investigation (ISO 17025)* - (Giuseppe Peluso, Lieutenant Colonel, Carabinieri, Italy)

11.30/12.00

- COFFEE BREAK

### • SESSION 2 (Chaired by Cristina D'Angelo, Chief of Latina, National Fire Services, Italy)

12.00/12.30

*The evidence on the scene of an arson: Italian and International legislation*

(Donatella Curtotti, Professor, University of Foggia, Italy)

12.30/13.00

*European Cooperation and Collaboration to support Fire Investigation: the roles of the ENFIP Network and the EUFOFINET Project*

(Robert Stacey, Project Officer, Fire Support Services, Northumberland Fire and Rescue Service, UK)

13.00/13.30

*Fire Ignition Analysis on Photovoltaic Roof and Related buildings*

(Vincenzo Puccia and Piergiacomo Cancelliere, Fire Officers, National Fire Services, Italy)

13.30/15.00

- LUNCH

### • SESSION 3 (Chaired by Fabio Dattilo, Head of the Directorate for Fire Safety and Technical Prevention, National Fire Services, Italy)

15.00/15.30

*Can computer models be used in fire investigation?*

(Dougal Drysdale, Professor Emeritus, University of Edinburgh, UK)

15.30/16.00

*An LPG explosion scenario reconstruction based on CFD simulations* - (Francesco Chillè, Engineer, GexCon, Italy - Piergiacomo Cancelliere and Armando De Rosa, Fire Officers, National Fire Services, Italy)

16.00/16.30

*The Italian investigating approach in forest fires*

(Marco Di Fonzo, Chief of NIAB, Corps of Forest Rangers, Italy)

16.30/17.00

- COFFEE BREAK

17.00/17.30

*Industrial accidents and fires involving chemical reactors: some case studies* - (Antonio Pugliano, Fire Officer, National Fire Services, Italy - Angelo Lunghi, INNOVHUB - SSC Fuel Experimental Station, Italy)

17.30/18.00

*Causes and dynamics of the multiple explosion occurred in the tank park of a plant that processed raw pomace oil to get edible olive oil*

(Luca Marmo, Professor, University of Turin, Italy - Loris Munaro, Chief of Venice, National Fire Services, Italy)

18.00/18.30

DISCUSSION, CONCLUSION AND REMARKS

(Fabio Dattilo, Head of the Directorate for Fire Safety and Technical Prevention, National Fire Services, Italy)

A poster session will be arranged from 13.30 to 17.00

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The participation to the workshop is free of charge (for info and partecipazione: [prev.nia@vigilfuoco.it](mailto:prev.nia@vigilfuoco.it))