



## **SAVE-ME workshop on transport emergencies**

- **How do vulnerable travellers behave in emergency situations?**
- **What are the needs of vulnerable travelers and rescue personnel in emergencies?**
- **Transport-related disaster events: which Use Cases and Application Areas can be the most critical?**
- **Which characteristics should have a System to detect disaster events and to support quick and optimal mass evacuation guidance?**

Join the first Workshop organized by the European project SAVE-ME. Find out how to participate in the next pages and save the date.

**Rome**  
**March 3, 2010**

**Istituto  
Superiore  
Antincendi,**

*Via del Commercio, 13*

**[www.save-me.eu](http://www.save-me.eu)**

SAVE-ME aims to develop a system that detects disaster events in public transport terminals/vehicles and critical infrastructures (i.e. tunnels and bridges) and supports quick and optimal mass evacuation guidance, to save the lives of the general public and the rescuers, giving particular emphasis to the most vulnerable travellers.

## Open issues

Natural disasters (earthquake, flood, etc.), tend to become all the more frequent. These disasters have obvious impacts to transport operations and means. Fires with the most serious consequences (fires involving injuries, fatalities or extensive material damage) have mostly been the result of tunnel accidents. Over 200 people have died in Europe as result of tunnel fires in the last decade. 16 fire accidents occurred in road tunnels in Europe from 1986 until 2006. Unfortunately, public transportation fire is also not a rare phenomenon. In addition to the above, a great menace of our time is terrorism. Transportation means, hubs and stations are targets of terrorist attacks.

The needs of all travelers but also the specific needs of the most vulnerable users, such as elderly, disabled and children, need to be integrated into any disaster mitigation system from its design phase and, furthermore, their specific behaviour and movement speed and limitations to be included in any human behaviour model for it.

Furthermore, rescuers need precise information on the situation, seamless communication means between them and the operations centre and proper guidance to the trapped travellers.

Started in October 2009, the European project SAVE ME aims to develop a system that detects disaster events in public transport terminals/vehicles and critical infrastructures (i.e. tunnels and bridges) and supports quick and optimal mass evacuation guidance, to save the lives of the general public and the rescuers, giving particular emphasis to the most vulnerable travellers.

The application areas of SAVE ME are the metro terminal, platform and vehicle, the metro vehicle and the tunnel (both highway and urban tunnels).

SAVE ME stakeholders, as well as policy makers, Representatives from European Emergency services organizations are invited to join the first Workshop on transport Emergencies to get input and comments on the initial project findings and suggested Use Cases.

*“The needs of all travellers but also the specific needs of the most vulnerable users, such as elderly, disabled and children, need to be integrated into any disaster mitigation system from its design phase.”*

## How to participate

Participation to the the SAVE ME workshop is free, but registration is required. To be registered, please send a message with the following details to: [interoperability@vigilfuoco.it](mailto:interoperability@vigilfuoco.it) by **February, 19—2010**.

### SAVE-ME first workshop on Transport Emergencies

**March 3, 2010**

Title	Mr	Mrs.
Name:	Surname:	
Organisation:	Function	
Address:	Zip code:	
Country	City	
Phone	Fax	
E-mail		

Please, indicate if you require any special needs, e.g. wheelchair access:

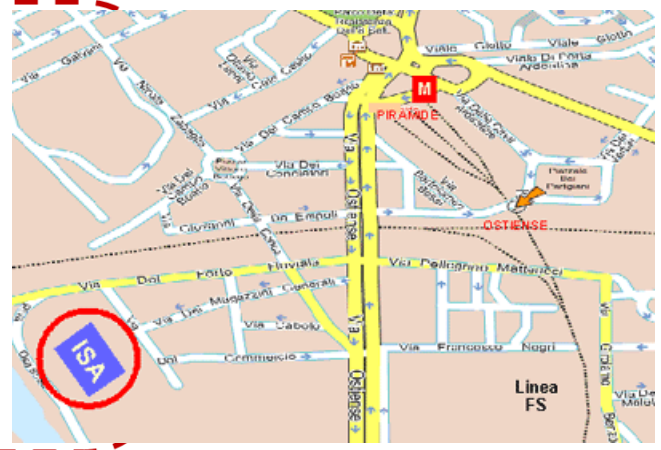
9.30	<b>Opening Keynotes</b>	<b>Ing. Antonio Gambardella</b> Chief of the National Fire Corps - Ministry of Interior, Italy
9.45	<b>Session 1</b> <i>First responders' response in transport emergencies, current preparedness, open issues, room for improvements, evolution of National and European applicable regulation.</i>	<ul style="list-style-type: none"> <li>Gottardo Tunnel (CH), Commander of Kdt Schadenwehr Gotthard - Schweizer Armee, Maj. Luca Ceresetti</li> <li>Newcastle upon Tyne Underground (UK), NEXUS, Peter Stout</li> <li>Monte Bianco Tunnel (ITA), General Manager of the National Fire Corps, Ing. Guido Parisi</li> <li>London Underground Network, test and tactics for rescues, British Transport Police</li> <li>New guidelines for safety design of road tunnel in Italy, ANAS, Ing. Antonio Valente</li> </ul>
11.15	<b>Coffee break</b>	
11.45	<b>Session 2</b> <i>Improving self rescue practices of travellers</i>	<ul style="list-style-type: none"> <li>The EC perspective, European Commission - DG-RESEARCH, Mr. Adam Grodzicki</li> <li>SAVE ME Concept, University of Newcastle (Project Coordinator), Prof. Phil Blythe</li> <li>Special needs in emergency plans (multilingual, people with disabilities, aged persons etc.), Head of IT services at National Fire Corps, Ing. Stefano Marsella; Arch. Stefano Zanut (National Fire Corps, - Pordenone)</li> </ul>
13.00	<b>Closing remarks</b>	IES Solutions, Ing. Uberto Delprato
13.15	<b>Lunch</b>	
14.30	<b>Session 3</b> <i>Dedicated discussion table on SAVE-ME topics and technologies</i>	<ul style="list-style-type: none"> <li>Use cases, CERTH/HIT (Project Technical Manager), Dr. Maria Panou</li> <li>Traveller behaviour modelling, Simudyne, George Danner, Justin Lyon</li> <li>Architecture and Decision Support System concept, CERTH/ITI, Dr. Dimitrios Tzouvaras</li> </ul>
15.30	<b>Final Wrap-up</b>	Prof. Phil Blythe, University of Newcastle (Project Coordinator)

**How to reach the Workshop**

The meeting will take place in Italy, within the Istituto Superiore Antincendi premises in Via del Commercio, 13 - Rome.

The Istituto Superiore Antincendi can be easily reached through the underground, line B, stop 'Piramide' and bus (line 23 or 769). It is located some 400 meters from the train station 'Roma Ostiense', with frequent link (every 15 minutes) from the Fiumicino International Airport ( line 'Fiumicino Aeroporto - Fara Sabina-Montelibretti', 2nd and 3rd platforms).

For further information please visit the National Fire Corps website:  
<http://www.vigilfuoco.it/notiziario/notizia.asp?codnews=9198>





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### **SAVEME Consortium**

University of Newcastle - CERTH/HIT - CERTH/ITI - Simudyne - CNVVF, Ministero dell'interno, Dipartimento dei Vigili del Fuoco, del Soccorso Pubblico e della difesa Civile - IES Solutions - Universidad Politecnica de Madrid - University of Basel, Department of Psychiatry, Center of Applied Technologies in Neurosciences - Baudiréktion Uri - Mizar Automazione - Universität Stuttgart - Università di Modena e Reggio Emilia.

#### **Contact us:**

[www.save-me.eu](http://www.save-me.eu)

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