

Invitation to the

Final workshop of the European Projects

SAFE TUNNEL “Innovative Systems and Frameworks for enhancing of Traffic Safety in Road Tunnels”

www.crfproject-eu.org

SIRTAKI “Safety Improvement in Road&rail using Advanced ICT and Knowledge Intensive DSS”

www.sirtakiproject.com

and to the Forum on

“Safety in Road and Rail Tunnels”

**December 20-21, 2004
in Turin, Italy**

Organised by

Centro Ricerche Fiat, ETRA, FIT Consulting, SITAF

Hosted by :



Supported by the European Commission

Directorate General Information Society Technology

On behalf of the **SAFE TUNNEL & SIRTAKI Consortia**,

Centro Ricerche Fiat and ETRA,

are pleased to invite you to the

**Final Workshop of the European Projects
SAFE TUNNEL & SIRTAKI**

and to the forum on

“Safety in Road and Rail Tunnels”

Dear Colleagues,

We are glad to invite you to attend the joint Final Workshop of SAFE TUNNEL and SIRTAKI Projects which will take place the 20th & 21st December 2004, (1st day Centro Ricerche Fiat in Orbassano – Italy , 2nd day SITAF Salbertrand / Bardonecchia - Italy)

Major results and conclusions of the two Projects will be presented enabling the participants to follow the presentations given by project partners, to participate to a forum discussion, to have face-to-face meetings with the developers, and to join live Demonstrations of selected SAFE TUNNEL & SIRTAKI applications during a Technical Visit.

The Workshop will be an ideal platform to discuss further research needs for co-operative systems, and potential future co-operations in the final Forum on “Safety in Road and Rail Tunnels”.

Please find attached some key messages from the Projects, Agenda, Registration Form and practical travel Information.

We look forward to welcome you in Orbassano,

Roberto Brignolo

*SAFE TUNNEL Coordinator
Centro Ricerche Fiat*

Antonio Marques

*SIRTAKI Coordinator
ETRA I+D*

Key messages from the Projects

SAFE TUNNEL

EC-IST project developing a **vehicle-infrastructure co-operative system aimed to reduce accidents in road tunnels** based on :

- Increased awareness of vehicle status in order to avoid tunnel access to vehicles with detected or imminent on-board anomalies
- Tele-control of vehicle speed and safety distance inside the tunnel. Distribution of information to drivers in case of emergency
- Use of public wireless network communication

Validation performed on Frejus highway using two equipped trucks and a demonstration control center



SIRTAKI



SIRTAKI has developed a system to improve safety management in tunnels including:

- An architecture and a model capable to host and support tunnel safety co-operative systems
- A knowledge-based decision support system to help tunnel managers and operators improve both their daily activities and the management of emergency situations

Key issues for SIRTAKI are **integration** –i.e. between tunnel operations and overall road network management, between infrastructure and vehicles, etc.- and **flexibility** -i.e. SIRTAKI works in tunnels with different levels of infrastructure sophistication-.

Validation of the project results has been carried out in four sites in Spain, France and Italy.

Workshop Agenda

□ **Day 1 – December the 20th**

Venue Centro Ricerche FIAT (CRF)
Strada Torino 50, 10043 Orbassano, (Torino)
Auditorium CEA Building
Centro Ricerche FIAT “Ingresso Sud” (South Entrance)
Via Fausto Coppi 1, Orbassano

9:30 -10:00 Registration

10:00 -10:15 Welcome

P.Carrea (Centro Ricerche Fiat)

10:15 -10:30 Introduction to the Workshop

V. Moutal (European Commission)

10:30-10:45 Intelligent Traffic Systems in Italy

G.Lamoni (TTS Italia)

10.45-11.00 Break

11.00 –12:45 Presentation of the **SAFE TUNNEL** Project

Session moderator: A. Marques (ETRA I+D)

Overview of the project

R. Brignolo (Centro Ricerche Fiat)

The communication network

M. Annoni (Tilab)

The on-vehicle system

C. Covo, L. Jacques (Renault)

The control center

G.Sala (IGS)

The moving spot light system

C. Garetto (Maire Engineering)

Evaluation results

B. Mayer (TÜV), D.Shinar(BGU), M.Minichino(ENEA)

12:45 – 14:00 Lunch

Session moderator: R. Brignolo (CRF)

14:00 - 15:30 Presentation of the **SIRTAKI** Project

Overview of the project

A. Marqués (ETRA I+D)

Architecture and Pilots implementation

H. Myrheim (SAFETEC)

Evaluation results

V. Andersen (RISOE)

Dissemination

C. Gentili (FIT)

Demonstration

M. Serrano (ETRA I+D)

- *Session moderator: L. Andreone (CRF)*

15:30 –16:30 Forum “Safety in Road and Rail Tunnels”

Open discussion & Brainstorming

Day 2 – December 21st

Venue Centro Ricerche FIAT (CRF)
Strada Torino 50, 10043 Orbassano, (Torino)

- 8:30 Departure from Orbassano to Bardonecchia (Bus service offered by Workshop organisation)
- 10:00 Technical visit to SITAF facilities and DEMO of SAFE TUNNEL & SIRTAKI
- 12:30 Lunch
- 14:00 Return to Turin (arrival at Centro Ricerche Fiat at 16:00) *

More details on the Technical visit will be provided during the Registration.

** Bus is available to bring the Guests to the Airport after the visit.*

Registration Form - SAFE TUNNEL & SIRTAKI Final Workshop

Please send by fax to Ms. Francesca Angelucci, **FIT Consulting srl** by the **20.11.2004**

Phone: (+39 06) 47 40 657

Fax: (+39 06) 47 82 4352

Email: info@fitconsulting.it

December 20th & 21st 2004, Centro Ricerche Fiat, Orbassano, Italy

Organisation

Name

Title

E-mail

Telephone

Fax

Please mark the appropriate boxes:

- ☐ I will attend only day 20th
- ☐ I will attend only day 21st
- ☐ I will attend both days

Signature:

Accommodation

The following hotels are recommended.

Lingotto S.p.a. - Hotel Le Meridien

10126 Torino - Via Nizza, 262

Tel. +39 011.6642000

Albergo Jolly Hotel Ligure

10123 Torino - Piazza Carlo Felice, 85

Tel +39 011.55641

Albergo Jolly Hotel Ambasciatori Centralino

10121 Torino - Corso Vittorio Emanuele II, 104/106

Tel. +39 011.5752

Turin Palace Hotel

10128 Torino - Via Sacchi, 8

Tel. +39 011.5625511

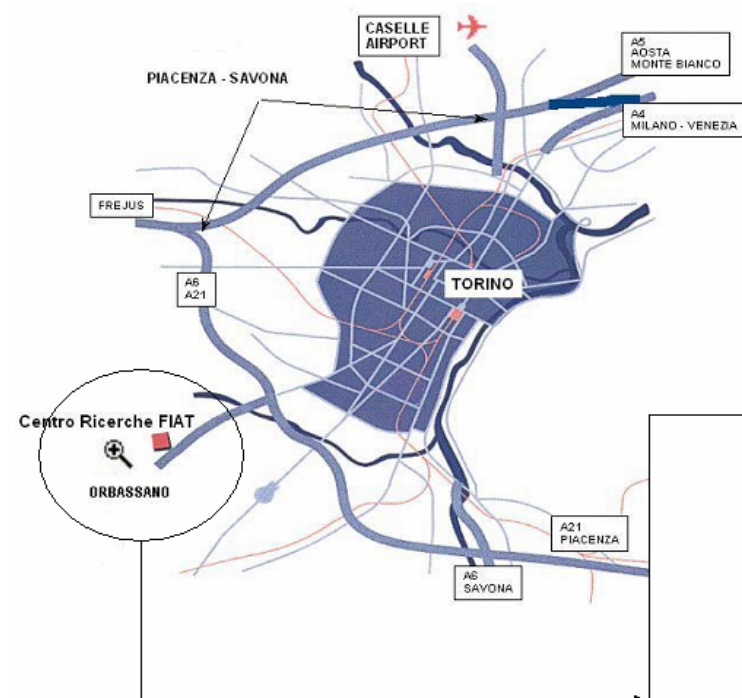


SAFE TUNNEL



Travel Information

Centro Ricerche Fiat is located South West of Torino, Italy.



How to reach
Centro Ricerche Fiat
(also available at www.crf.it)

MOTORWAYS

A21-A6 Piacenza-Savona

Ring-road Milano direction - Exit Orbassano

A4 Milano-Venezia

A5 Aosta - A32 Frejus

Ring-road Piacenza-Savona direction - Exit Orbassano

RAILWAYS

Porta Nuova Central Station then 15 km by TAXI

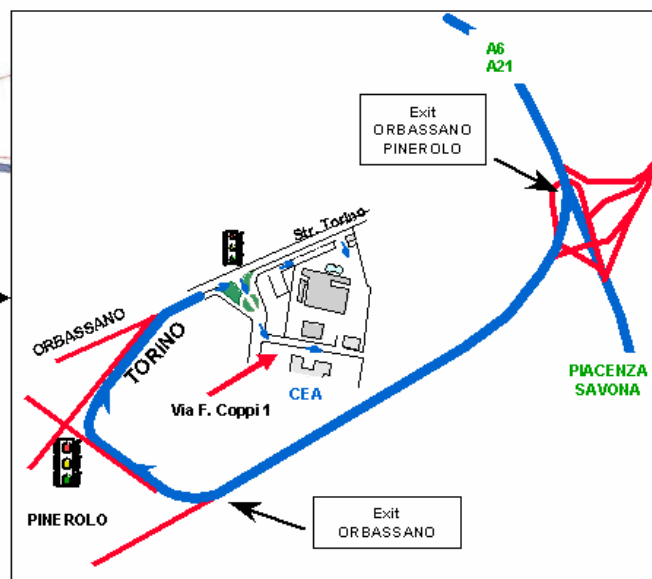
AIR CONNECTIONS

Torino **Caselle Airport** in 30 minutes by TAXI

BUS

From Torino downtown close to Porta Nuova station

Line 5 - Orbassano direction



SAFE TUNNEL & SIRTAKI Projects are co-funded by the European Commission

Information Society Technologies within the 5th Framework Programme