## **Conference Day 1** Wednesday 27 June 2012

08:00	Registration, Coffee
09:00	<b>Welcome &amp; Introduction</b> Stefan Kratzmeir, Project Manager SOLIT <sup>2</sup>
09:15	Welcome Adress N.N.
Session 1: Chair: N.N.	SOLIT <sup>2</sup> - Compensation of Safety Measures by Fixed Fire Fighting Systems
09:45	Full scale fire test program—Test data and summary of results and findings with Fixed Fire Fighting Systems Rajko Rothe, IFAB Institute for applied fire safatey research
10:30	Coffee break
11:00	Compensation of conventional safety measures by Fixed Fire Fighting Systems and the evaluation process DrIng. Roland Leucker, STUVA Studiengesellschaft für unterirdische Verkehrsanlagen e.V.
11:45	CFD Simulations and other tools as supporting measures for the design of holistic tunnel safety systems  Prof. DrIng. Wolfgang Baltzer, BUNG Ingenieure AG
12:30	Lunch break
Session 2: Chair: N.N.	SOLIT <sup>2</sup> - Design and Integration of FFFS as part of a safety systems
14:00	Cost-Benefit analysis as part of a holistic design of a tunnel safety system DrIng. Götz Vollmann, Ruhr University Bochum
14:45	RAM(S) analysis and safety levels for fire protection systems Sascha Wendland, FOGTEC Fire Protection
15:30	Coffee break
16:00	Engineering guidance for the implementation and evaluation of safety systems in a tunnel DrIng. Jürgen Heyn, TÜV Süd Rail GmbH
16:45	Round Table Discussion: Safer and cheaper tunnels? - The future of compensation
17:30	Closure of conference day one
19:00	Transfer departing at the Scandic Hotel
19:30	Conference dinner at the Palais at the Kulturbrauerei

## **Conference Day 2** Thursday 28 June 2012

08:30	Coffee
	ITA - COSUF Section or Lacroix, CETU - Centre d'Etudes du tunnel
09:00	Welcome and Introduction of ITA - COSUF Didier Lacroix, CETU - Centre d'Etudes du tunnel
09:15	Key Note Lecture: Human behavior in tunnels Prof. Dr. Andreas Mühlberger, Julius-Maximilians University Würzburg
09:45	NFPA 502 policy regarding FFFS and ist change over the time Gary L. English, Seattle Fire Departement
10:15	Coffee break
10:45	The SAFE station concept in the Channel Tunnel Bruno Bouthors, Eurotunnel
11:15	The application of FFFS in metro systems N.N., TÜV Süd Rail GmbH
12:00	Challenges of fire fighting in complex underground structures N.N., Fire Brigade of Berlin
12:30	Lunch break
<b>Session 4:</b> Chair: N.N.	The use of Fixed Fire Fighting Systems in Tunnels
14:00	User aspects of tunnel fire safety Robert Sauter, ADAC German Automobile Club
14:30	Does droplet size matter? Comparison of FFFS technologies for tunnels Stefan Kratzmeir, IFAB Institute for applied fire safety research
15:00	<b>Dangerous goods in Tunnels</b> <i>N.N., IdF - Institute of the Fire Brigades Sachsen-Anhalt</i>
15:30	Coffee Break
16:00	Long term experience with FFFS in operating tunnels - a summary  Max Lakkonen, FOGTEC Fire Protection

The experience of fire fighters with fixed fire fighting systems

16:30

17:00

N.N.

**Closure of the Conference**