

con il Patrocinio



XIII EDIZIONE CONVEGNO DI VARENNA DI PROTEZIONE CIVILE

Tunnels subjected to Fire and Blast: the Interreg project A.C.C.I.D.E.N.T.

*Workshop on lake Como – Italy
September, 27th – 28th - Villa Monastero, Varenna*

Progetto INTERREG A.C.C.I.D.E.N.T.
"Advanced Cementitious Composites In DEsign and coNstruction of safe Tunnel"



INTERREG - Le opportunità non hanno confini

September 27th

Introduction on Civil Protection week

9.00 – 9.15

Franco De Poi, Angelo Valsecchi
(Provincia di Lecco, Italy)

**9.15 – 10.45 *Advances on Fibre Reinforced
Cementitious Composites***

Alva Peled (Be'er Sheva, Israel)
Textiles: state of the art

Joško Ožbolt (Stuttgart, Germany)
*Modeling of concrete exposed to severe loading
conditions - impact and fire*

Coffee Break

11.15 – 12.45 Tunnel design and safety

Remo Crapp (Soc. Lombardi)
Tunnel design

Francesco Amberg (Soc. Lombardi)
Tunnel lining safety

12.45 – 13.15

Stefano Simonetti (Provincia di Lecco, Italy)

Lunch

15.00 – 17.00 A.C.C.I.D.E.N.T.: project overview

Marco di Prisco (Milano, Italy)

Ezio Cadoni (Canobbio, Switzerland)

Pietro Gambarova (Milano, Italy)

September 28th

A.C.C.I.D.E.N.T. Project

9.00 – 9.30

Franco De Poi, Stefano Simonetti, Angelo Valsecchi
(Provincia di Lecco, Italy)

9.30 – 11.00 Materials and meso-structures

Alessio Caverzan (Milano, Italy)
*High strain rate and fire resistance of HPFRCCs
materials*

Andrea Galli (Milano, Italy)
Soft materials for damping

Matteo Colombo (Milano, Italy)
Design of shock tube tests

Coffee Break

11.30 – 13.00

**Discussion on materials and meso-structures
coordinated by E. Cadoni and M. di Prisco**

Lunch

14.30 – 15.00

Claudio De Lorenzo (Capo Compartimento ANAS
Lombardia, Italy)

**15.00 – 17.30 macro-structure and tunnel
segment prototype**

Pamela Bonalumi (Milano, Italy)
*Full scale blast tests on pipes: experimental results
and modelling*

Carlo Beltrami (Milano, Italy)
Database design parameters for tunnel linings

Discussion coordinated by E. Cadoni and M. di
Prisco