

REGISTRATION FEES

Whoever wishes to attend the Workshop and the Conference is kindly requested to send the enclosed Registration Form to the Conference Secretariat to:

GEAM - Associazione Georisorse e Ambiente
c/o Dip. Georisorse e Territorio, Politecnico di Torino
Corso Duca degli Abruzzi 24, 10129 Torino, Italy
Te. 0039 (0)11 5647681, fax 0039 (0)11 5647689
www.geam.org; e-mail: geam@polito.it

FEES

SIG/GEAM members: € 200 + IVA 20% = € 240
Full fee: € 250 + IVA 20% = € 300
Congress dinner € 50 + IVA 20% = € 60

Methods of Payment

- Non transferable bank cheque to GEAM - Associazione Georisorse e Ambiente, please enclose with the Registration Form.
- Bank transfer to GEAM - Associazione Georisorse e Ambiente c/o UniCredit Banca - Agenzia Torino D'Ovidio c.c. n. 000002551068 - CAB 01160 ABI 02008 CIN H PAESE IT CIN EUR 45
- By cash or bank cheque.

Registration fees from SIG/GEAM members who are not up to-date with their membership fee payments will not be accepted.

The official language of the Congress is English. The translation will not be provided. Due to technical reason some papers and presentations will be in Italian.

Conference Secretariat

Ornella Ronza, Wilma Cuniberti
GEAM - Associazione Georisorse e Ambiente

Programme updates available on

www.ita-aites.org www.geam.org
www.societaitalianagallerie.it

Hotel Accomodation

Travel Agency Cityrama
C.so A. De Gasperi, 42
10129 Torino Tel +39.011.505926, Fax +39.011.500963
e-mail: cityrama@libero.it
for hotel booking, contact the Cityrama Travel Agency before October 30, 2004. The Travel Agency requires the participants address, telephone number and credit card number with the expiry date.

Under the Auspices of

Ministero delle Infrastrutture e dei Trasporti

Regione Piemonte

Provincia di Torino

Città di Torino



IATT

Italian Association for Trenchless Technology

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ORGANIZING COMMITTEE

S. Pelizza, *Conference Chairman*
A. Colombo, *SIG President*
F. Luda di Cortemiglia, *GEAM President*

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POLITECNICO DI TORINO
Dipartimento di Georisorse e Territorio



ITALIAN TUNNELLING ASSOCIATION



GEORESOURCES AND ENVIRONMENT ASSOCIATION

**MASTER IN MECHANIZED
TUNNELLING
GRADUATING CEREMONY**

and

INTERNATIONAL CONGRESS

on

**MECHANIZED TUNNELLING:
CHALLENGING CASE
HISTORIES**

dedicated to Prof. Ing. Lelio Stragiotti
on the 40th anniversary foundation of the GEAM

16 – 19 November 2004

Politecnico di Torino
Sala Consiglio di Facoltà
C.so Duca degli Abruzzi, 24
Turin (Italy)

The congress intends to deal with the frontier aspects of mechanized excavation, that is, both the geomechanical and management aspects that have practically been dealt with in recent works and which, because of their distinctiveness, constitute a milestone in the development of this activity.

Different cases from all over the world are proposed in the congress, including excavation in rock (hard rock, fractured rock masses and long and deep tunnels) and in soil (large diameter, presence of high water pressure, excavations in urban area).

The congress is preceded by the conferring of the Politecnico di Torino University Master Diplomas to the young experts who have specialised in the field, and by the presentation of the 2005-2006 International Master Course, sponsored by ITA-AITES, which will be held in english.

- **Saturday 13 and Sunday 14 November**
ITA-AITES Executive Council Meetings

at Politecnico di Torino, organized by
SIG - Italian Tunnelling Association

- **Tuesday 16 November**

10.30 am **Meeting of Working Groups ITA-AITES**

W.G. 16 "Quality", C. Oggeri, Animateur
W.G. 17 "Long tunnels at great depth", P.
Grasso, Animateur
W.G. 18 "Training", D. Peila, Animateur

2.00 pm **Discussion of the Master Thesis of the IV
Master Series on "Mechanized
Tunnelling"**

chaired by the Dean of the Turin
Engineering Faculty, Prof. F. Profumo

**Promotion of the V Master Series on
"Mechanized Tunnelling" 2005-2006**

4.00 - 6.00 pm *Registrations of participants*

PROGRAMME

- **Wednesday 17 November**

8.30 am *Registrations of participants*

9.00 am **Welcome Address and Work Opening**

Chairman: Prof. **A. Colombo**, SIG President

Speech in memory of Prof. L. Stragiotti

Eng. **F. Luda di Cortemiglia**,
GEAM President

Welcoming address by a Representative of
ITA-AITES

INTRODUCTORY LECTURE

Prof. **S. Pelizza**, Politecnico di Torino
SIG and GEAM Executive Council Member

10.00 am **ROCK TUNNELS**

Chairman: Eng. A. Valente, ANAS S.p.A.,
SIG Executive Council Member

KEY LECTURE

Eng. **P. Grasso**, Animateur ITA W.G. 17
"Long tunnels at great depth"

- Hsuehshan Tunnel (former Pinglin) (Taiwan)
- Martignano Road Tunnel - Trento (Italy)
- Monte Giglio Conveyorbelt Tunnel - Bergamo (Italy)
- Viola Water Transfer Tunnel - Sondrio (Italy)
- AVE Cordoba-Malaga, Tun. de Abdalajis (Spain)

2.30 pm **Chairman:** Eng. L. Brino, LTF s.a.s.

- Gottardo and Loechtberg Rail Tunnels (Switzerland)
- Guadarrama Rail Tunnel (Spain)
- Kunming Zhangjiuhe River Water Diversion and Water Supply Project (China)
- Sorenberg Gas Pipeline Tunnel (Switzerland)
- Shanxi Wanjiashai Yellow River Diversion Project - Lot II & III (China)

Discussion

8.30 p.m. **Congress Dinner**

- **Thursday 18 November**

9.00 am **SOIL TUNNELS**

Chairman: Eng. I. Signoretti, GTT S.p.A.

KEY LECTURE

Prof. **K. Kovari**, Switzerland

- Turin Metro (Italy)
- St. Petersburg Metro (Russia)
- Portland overflow sewer Tunnel (USA)
- Barcellona Metro-Line 9 (Spain)
- Valencia Metro (Venezuela)
- Milan Metro (Italy)
- North East Interceptor Sewer (Neis), City of Los Angeles (USA)

2.30 pm **Chairman:** Eng. E. Arini,
Metropolitana Milanese S.p.A.,
SIG Executive Council Member

- Naples Metro (Italy)
- Lefortovo Urban road Tunnels in Moscow (Russia)
- Groene Hart Rail Tunnel (The Netherlands)
- SMART Project (Stormwater Management and Road Tunnel) - Kuala Lumpur (Malaysia)
- Bologna Rail Tunnels (Italy)
- **Discussion**

5.00 pm **MICROTUNNELLING**

Chairman: Eng. D. Peila, Politecnico di Torino,
SIG Executive Council Member

- Pegli Tunnel (Italy)
- Bakental Tunnel (Switzerland)

Discussion

CONCLUDING REMARKS

Prof. **A. Focaracci**, SIG Vice President

- **Friday 19 November**

TECHNICAL VISITS

Turin and Milan Metro Tunnels

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INTERNATIONAL CONGRESS
dedicated to Prof. Ing. Lelio Stragiotti
on the 40th anniversary foundation of the GEAM

**MECHANIZED TUNNELLING:
CHALLENGING CASE HISTORIES**

Politecnico di Torino - Turin Italy, November 16 – 19, 2004,

REGISTRATION FORM

to be sent to:

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tel. +39 011/5647681; fax +39 011/5647689; e-mail: geam@polito.it

First Name(s) _____

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Data _____ Firma _____

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