



Guidelines for Technical Presentations at the 2nd International Seminar on Tunneling and ITS Applications

GENERAL FRAMEWORK

In general, international seminars have the foremost purpose to share experiences and knowledge among regional specialists and government officials and meeting with peers from countries where the disciplines and technologies are more developed and largely applied in the field. To this aim, it is preferable that the presentations from the first group address the main technical challenges found when applying internationally proven solutions or, alternatively, give a recount on how innovative local solutions have been found to typical problems of the field. With a similar aim, the contributions from the second group of participants are gratefully welcome in order to show and expound the latest trends and breakthroughs which are driving the state of the art in tunneling worldwide. From the discussion of both presentation types, it is hoped to enrich the general knowledge base and to foster stronger professional ties with which to find efficient solutions for current and future needs.

TUNNELING FIELD TOPICS

1. The Organizing Committee of the Seminar encourages the presentation of technical reports and research works on the following general topics, among other subjects as well.

- Road tunnel projects. Ventilation of tunnels at high altitude (>3000m a.s.l.); exhaust and gases emission of vehicles; engineering and selection of fire management systems; smoke management in high-latitude tunnels.
- Re-engineering of a double tunnel project in order to make it operate as a two-way tunnel in a first stage; advantages and disadvantages of the proposals.
- International tunnels: The dichotomy of a single vs. individual control centers
- **Behavior of tunnel users.** Problems arising in obtaining an efficient communication with tunnel users, specifically at times of accidents and contingencies.
- User behavior and response in case of contingencies in high-altitude long tunnels.
- **ITS.** On how ITS systems ease the management of tunnels.
- Data exchange and/or data integration among the various traffic control centers.
- Contributions of ITS to a better management of crisis instances
- Contributions of ITS to risk analysis
- Alternative solutions for tunnels that do not meet updated safety standards in force.
- **Construction tunneling methods.** Soft soils, water seepage and infiltration during tunneling
- Tunnel borers vs. conventional methods

2. The presentations have been classified as *commercial* and *non-commercial*. Other differentiated presentation modalities have been regarded as well. Commercial presentations will take place in main areas of the venue. They will count with a moderator, timing, controlled audience access, light dimmers upon request, specific audio and simultaneous translation service.

The second presentation category will take place in areas halls contiguous to the commercial stands sector, with free-access to the public. Sessions will be held preferably during coffee



breaks, with a maximum of 15 minutes allowed to each presenter. There will be no moderator or simultaneous translation service.

Non commercial presentations will be regarded as those ones referred to general aspects, or to particular ones, of the seminar topics. They may include experiences, theoretical aspects, inquires, approaches and proposals that lead to solutions and advances in the respective application branch. These speeches shall not cover the promotion of commercial companies, products, licenses or specific industrial equipment that imply a direct advertisement target. However, the presenters that also represent their company or commercial firms are allowed, nevertheless, to deliver their presentations with a non-commercial characteristic when the addressed topic has a general interest nature and does not entail a straightforward promotion of the specific commercial interests.

Commercial presentations will be regarded as those ones proposing the advertisement and direct promotion of firms, commercial and industrial products and services that compete in the market of tunneling, tunnel construction and exploitation, intelligent transport systems integrated to these infrastructure works.

The participants with technical reports aimed at being presented to the public shall inform the Organizing Committee the category they wish their work be included in, i.e., commercial or non-commercial.

3. Technical works sent to the Technical Committee for consideration shall be adjusted to the following specifications and format.

- A4 page size; edited in Microsoft Word 97-2003 or a later version.
- Left/top margins: 3cm; right/bottom margins: 2,5cm
- Arial font; size 12
- Single line spacing
- Language: Spanish or English

The paper shall be adjusted as follows:

- The first page of the paper shall include:
 - Work title in Spanish and English
 - Name(s) of Author(s)
 - Author(s) affiliation (Institution, address, phone/fax/e-mail)
 - Word counting
- The second page shall contain the work's abstract both in Spanish and English; abstract text of up to 300 words explaining concisely the objectives, methodology, results and conclusions attained, with a specific detail on the main contribution of the work.
- The internal development of the paper shall be either in Spanish or English. Figures and tables shall be co-relatively numbered and appropriately inserted in context. The paper length shall be in correspondence with the oral presentation time allotted by the Organizing committee.
- It may include acknowledgments.
- References shall be adequately located in the paper text.



Deadline to send-in the papers is March 8th, 2010, addressed to the Technical Committee. The paper shall be in Word format.

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The author(s) shall be duly registered for attending the Seminar.