

CALL for PAPERS AND NOVEL IDEAS

9th Meeting of EURO Working Group on Transportation "Handling Uncertainty in the Analysis of Traffic and Transportation Systems"

**June 10 to 12, 2002
Polytechnic University of Bari
Department of Highways and Transportation
Bari, Italy**

Background

This Conference will be the post serial conference to the 9th and the 11th Mini EURO Conferences on Transportation (endorsed by the Association of European Operational Research Societies), organised respectively by the University of Belgrade (September, 1997) and Helsinki University of Technology (August, 1999). These two highly successful conferences emphasized the theme of treatment of uncertainty in transportation analysis. The issue of how to deal with uncertainty has become one of the major subjects in transportation engineering and planning as advances are made in Intelligent Transportation Systems. Building on the successes of the previous conferences, this conference in Bari will review the recent progresses in the subject and develops greater understanding of uncertainty treatment, as well as building a greater circle of colleagues interested in this discipline.

Venue

The Conference will be held at Faculty of Engineering of Polytechnic of Bari. The University is situated near the City Center of Bari, capital of the Apulia Region, beautiful southern Italy on the Adriatic Coast.

The Scope of the Meeting

Uncertainty is an inseparable part of many problems of transportation planning and engineering. The connection among uncertainty, information and choices has become the central subject in recent years in view of the world-wide effort to advance Intelligent Transportation Systems (ITS). This conference places greater emphasis on discussion of how uncertainty must be handled. The conference has asked Professor George Klir, internationally known expert on philosophy of uncertainty and information, to participate in "round table" discussions.

Authors are invited to submit original papers that address uncertainty in the field of modelling traffic and transportation systems. Topics both in theory and innovative applications to real world problems are welcome. The program committee is especially interested in papers concerning discussion on **Philosophy of Uncertainty Treatment, Possibility Theory, Probability Theory, Fuzzy Logic, Soft Computing, Information and Choice** applied to transportation engineering and planning problems. Example application areas are:

- Travel demand forecasting
- Transportation planning, land use, and policy making processes
- Traffic engineering, capacity analysis, traffic flow analysis, and measurement
- Intelligent Transportation Systems
- Philosophy of transportation science

Guidelines for Abstract Submission and Time Schedule

Authors wishing to contribute papers (or ideas for presentation and discussion) to the Meeting are requested to submit an extended abstract in English (maximum 5 pages including figures, tables and references) by November 30, 2001. The abstract needs to be submitted to the Conference Scientific Secretariat, following the instructions indicated on the web site of the 9th Meeting of EURO Working Group on Transportation.

The International Organizing Committee will review all abstracts and notify the authors regarding acceptance. The approval notification will be forwarded by January 31 2002. Once the papers or ideas have been accepted, all authors will be asked to confirm their participation by February 28 2002. All extended abstracts will be published in the Conference Proceedings and will be available at the time of registration.

Publication of Selected Papers

A selected set of full papers (each max. 7,500 words) will be published in a special issue (or special section) of a prominent academic journal, e.g. European Journal of Operational Research. The authors who wish their full papers reviewed for publication, are invited to submit the full paper within one month after the meeting.

Conference Chairs

Mauro Dell'Orco, Polytechnic of Bari, Italy
Shinya Kikuchi, University of Delaware, USA

Local Organizing Committee

Mario Binetti, Polytechnic of Bari
Francesco Civitella, Polytechnic of Bari
Pasquale Colonna, Polytechnic of Bari
Michele Ottomanelli, Polytechnic of Bari
Domenico Sassanelli, Polytechnic of Bari

International Program Committee

Richard Allsop, University College London, United Kingdom

