

Call for Papers

ITSC '97

IEEE Conference on Intelligent Transportation Systems

Boston, Massachusetts
November 9-12, 1997



<http://www.ieee.org/itsc/itsc97>

IEEE Boston Section Tel: 617-890-5290

255 Bear Hill Road Fax: 617-890-5294

Waltham, MA 02154 Email: sec.boston@ieee.org

The **Institute of Electrical and Electronics Engineers** is sponsoring a conference on basic research and present and future applications of leading-edge advances in communications, computers, control and related electronics-based technologies to **Intelligent Transportation Systems (ITS)**.

Program Topics

- Communications (wide area & vehicle-to-roadside)
- Computers (hardware, software)
- Control (adaptive, fuzzy, cooperative, neuro, large systems)
- Decision Systems (expert systems, intelligent agents, ...)
- Imaging and Image Analysis
- Information Systems (databases, data fusion, security)
- Man-Machine Interfaces (displays, artificial speech, ...)
- Reliability & Quality Assurance
- Sensors (infrastructure & vehicle-based)
- Signal Processing
- Simulation (continuous, discrete, real-time)
- Standards
- Systems (engineering, architecture, evaluation)
- Technology Forecasting & Transfer

IEEE Sponsoring Societies

Fourteen **IEEE societies** representing ITS core technologies will host this landmark conference. It incorporates two earlier IEEE conference series that have been held annually in this area — the Vehicular Navigation & Information Systems (VNIS) Conference (since 1989) and the Intelligent Vehicles (IV) Symposium (since 1991).

- Aerospace & Electronic Systems
- Antennas & Propagation
- Communications
- Consumer Electronics
- Control Systems
- Electron Devices
- Industrial Electronics
- Microwave Theory & Techniques
- Power Electronics
- Professional Communication
- Robotics & Automation
- Signal Processing
- Systems, Man & Cybernetics
- Vehicular Technology

Supporting Organizations

The ITSC '97 Conference is supported by a number of organizations. At this printing (August, 1996), the following organizations are participating:

- DGON (German Institute of Navigation)
- IEE (Institute of Electrical Engineers)
- ION (The Institute of Navigation)
- ITE (Institute of Transportation Engineers)
- ITS America
- ITS Massachusetts
- PATH (University of California-Berkeley PATH Program)
- RIN (Royal Institute of Navigation)
- U.S. DOT (United States Department of Transportation)
- VERTIS (Vehicle, Road and Traffic Intelligence Society)

To submit a paper:

Interested authors are asked to first submit a letter of intent by November 15, 1996 with the

- Author's affiliation, return address, phone number, and email address
- Title and topic of the proposed paper

Five (5) copies of draft papers must be submitted by April 1, 1997. The cover page should include

- Author's affiliation, return address, phone number, and email address
- The title and topic of the paper
- A brief abstract

Draft papers will be reviewed for technical content, originality, completeness and clarity. They should be of sufficient length for such a review but not more than 15 pages. Notification of Acceptance is scheduled for June 30, 1997.

Final camera-ready papers, due August 1, 1997, are limited to 6 pages in length (including graphics).

To submit a tutorial or special session:

Proposals for tutorials and special/invited sessions are also being solicited. Interested organizers are invited to submit the title, topic, and speaker names for such sessions by November 15, 1996. The Program Committee will contact organizers separately by January 1, 1997 for further documentation.

Submit to:

Professor U. Ozgüner — ITSC '97
The Ohio State University
Center for Intelligent Transportation Research
2015 Neil Avenue
Columbus, OH 43210 USA

Deadlines

Letter of intent (title and topic)	November 15, 1996
Tutorial/special session organizers contacted	January 1, 1997
Draft papers due for peer review	April 1, 1997
Notification of acceptance	June 30, 1997
Camera-ready copy for proceedings due	August 1, 1997

Conference Organizing Committee

General Chair: Lyle Saxton

Vice Chairs: Ryerson Case, Ichiro Masaki

Publicity: Robert French

Finance: Richard Klafter

Program: Umit Ozgüner

Publications: Emily Sopensky

Local Arrangements: Richard Sparks