ICDAR2005: PRELIMINARY CALL FOR PAPERS

8th International Conference on Document Analysis and Recognition
August 29 - September 1, 2005
Lotte Hotel Jamsil, Seoul, Korea

Technical Program

You are invited to participate in the 8th International Conference on Document Analysis and Recognition (ICDAR) to be held during August 29 - September 1, 2005 in Seoul, Korea.

The ICDAR2005, sponsored by the International Association for Pattern Recognition (IAPR) TC-10 and TC-11, and the Korea Information Science Society, is an international premier forum for identifying, encouraging and交换ing ideas on the state-of-the-art in document analysis, understanding, retrieval, and performance evaluation, including various forms of multimedia documents. It brings together both researchers and practitioners from divergent fields such as computer vision, pattern recognition, machine learning and information retrieval in order to identify important problems, explore novel applications and exchange ideas for developing robust solutions.

The topics of interest for submission include, but not limited to:

- Camera-based text processing
  - Color/gray scale/low-resolution
  - Image enhancement
  - Text detection

- Document analysis systems
  - Hardware/software architecture
  - Methodologies
  - Software packages/tools

- Document image analysis
  - Layout analysis
  - Logical structure analysis
  - Recognition of specific structure

- Graphics recognition
  - Analysis of maps/drawings
  - Symbol recognition
  - Vectorization

- Multimedia documents
  - Digital libraries
  - Indexing multimedia contents
  - R&D environments

- Applications
  - Digital libraries
  - Forms/check reading
  - Postal automation
  - Web applications

- Character recognition
  - Multilingual text understanding
  - Segmentation-free applications
  - Use of linguistic knowledge

- Document databases
  - Document summarization
  - Indexing and retrieval
  - Security

- Document understanding
  - Article detection
  - Conversion to structured format
  - Semantic analysis
  - Use of domain-specific knowledge

- Handwriting recognition
  - Cursive script recognition
  - Handwritten characters and symbols
  - Pen-based interface
  - Signature verification

- Performance evaluation
  - Benchmarking
  - Datasets
  - Degradation model
  - Performance characterization
  - Standardization

Important Dates

- Paper submission due: January 31, 2005
- Notification of acceptance: April 30, 2005
- Camera-ready manuscript due: May 31, 2005
- Advance registration due: May 31, 2005

ICDAR2005 Conference Secretariat

GENICOM Convention Service Co., Ltd.
5F Daehan Bldg., #1018 Dunsan-dong, Seo-gu, Daedeon 302-120, Korea
Tel: +82-42-472-7458 / Fax: +82-42-472-7459
E-mail: icdar2005@geni-pco.com / Web Site: http://icdar2005.org