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Call for Papers

First International Workshop on Camera-Based Document Analysis and Recognition

August 29, 2005

Olympic Parktel, Seoul, Korea

CBDAR2005 is a satellite workshop of ICDAR2005

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Pervasive use of camera phones and hand-held digital still and video cameras have let us discover that image-based recording of information by just pressing a button is really convenient. In addition to imaging faces and scenes, people have started capturing documents to preserve contents. Cameras, which are now functioning as personal copiers, will soon produce a huge number of imaged documents that are beyond manual handling. Although traditional techniques developed in the field of document analysis and recognition provide us with a good starting point, they cannot be directly used on camera captured images. This leads us to a new sub-field of research.

CBDAR2005 is the first international workshop with a special focus on camera captured documents. Presentation of up-to-date issues and techniques as well as discussions on future directions will boost research in this relatively new area. Participants will share experiences and problems in the area.

Topics of Interest include, but are not limited to:

- ✓ camera based acquisition
- ✓ camera based document image restoration, such as dewarping and deblurring
- ✓ image degradation models for camera captured characters/documents
- ✓ document image quality analysis
- ✓ character segmentation/recognition from scene images
- ✓ layout analysis and document image understanding for camera captured documents
- ✓ document image retrieval
- ✓ devices and algorithms for camera-based document analysis and recognition
- ✓ performance evaluation and its metrics
- ✓ applications such as translation, reading text for blind people, etc.

Workshop Format

This will be a 100% participation, one-day, single-track workshop for a maximum of 50 participants. Sessions of short presentations will be followed by discussion sessions in small groups. Discussions will be focused on key issues required to make progress in research of this field. At the end of the workshop, the results of the discussions will be summarized.

Publications

The accepted papers will be published before the workshop. The summaries of the discussions will be published online, along with the papers, after the workshop.

Submission Information

The workshop invites the submission of original, previously unpublished work. It also welcomes, with some restrictions, submissions which are closely related to work submitted also to the ICDAR2005. Please use our workshop to present work that **differs materially** from your ICDAR presentation(s) in any of several ways:

- ★ recent results too late for the ICDAR deadline
- ★ motivations and broader implications of work presented in more detail than in your ICDAR paper(s)
- ★ methodological issues facing the CBDAR community
- ★ proposals for community-wide data sets, experiments, competitions, web sites, etc.

Papers should be submitted via the Web (<http://www.aso.ecei.tohoku.ac.jp/cbdar/>) in camera-ready format and should not exceed **6 printed pages**. The format adopted is that of the IEEE-CS Conference Publications and is the same as that of ICDAR2005.

Full details of the formatting instructions, a sample document and templates for LaTeX and MS-Word users can be found at the ICDAR2005 submissions site (<http://image.korea.ac.kr/icdar2005/paper.html>). PDF is preferred as the submission format, though PostScript may also be used.

Important Dates

Paper submission due (extended): □ May 22, 2005: 5:00 AM (EDT)

Author Notification: □ □ June 27, 2005

Camera-ready paper due: □□ July 20, 2005

Information: □ <http://www.aso.ecei.tohoku.ac.jp/cbdar/>

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