

Welcome from the CBDAR2005 Co-Chairs

It is our great honor to welcome you to the First International Workshop on Camera-Based Document Analysis and Recognition, CBDAR2005.

Pervasive use of camera phones and hand-held digital still and video cameras have led consumers to discover that image-based recording of information by just pressing a button is very convenient. In addition to imaging faces and scenes, people have started capturing documents as an alternative to note taking. Cameras, which are now functioning as personal copiers, will soon produce a significant numbers of imaged documents that will be difficult to handle manually. 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 — camera-based document analysis and recognition (CBDAR). The workshop is indented as a forum for presenting and discussing up-to-date issues and techniques of the CBDAR field.

The submitted papers reflect the diverse nature of the field including image processing such as mosaicing, dewarping, superresolution and tracking; recognition of characters in degraded images as well as data-embedding mechanism for helping recognition; systems for capturing, retrieving and reading documents and text in camera-captured images as well as methods for performance evaluation. We also have excellent poster papers and demos in the above and related fields of research.

It is our hope that this workshop will bring together researchers and developers from various backgrounds and help stimulate new ideas and new research directions in this emerging field of camera-based document analysis and recognition.

We know that the success of the workshop depends on the many people who worked together in planning and organizing it. We would like to thank members of the program committee for their thorough and timely reviewing of the papers and constructive ideas for defining the format of the workshop; all contributing authors for their valuable work; Prof. Jin Hyung Kim (KAIST; the conference chair of ICDAR2005), Prof. Henry S. Baird (Lehigh Univ.; the workshop chair of ICDAR2005), and other ICDAR2005 organizers for their support and generous help; Dr. Hiromichi Fujisawa (Hitachi CRL) for his support in organizing the workshop; Mr. Yang Wang (Univ. of Maryland) and his superb system for handling submitted papers called UMIACS Echelon, Dr. Masakazu Iwamura (Osaka Prefecture Univ.) for his work on both designing the logo of the workshop as well as preparing and maintaining the Web, mailing lists and the proceedings.

We look forward to a successful workshop and the beginning of an intensified research in the area.

CBDAR2005 Co-Chairs

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