

Call for Papers

Fifth International Workshop on Camera-Based Document Analysis and Recognition

August 23, 2013 – Washington DC, USA
<http://imlab.jp/cbdar2013/>



CBDAR 2013 is a satellite workshop of ICDAR 2013

The pervasive use of camera phones and hand-held digital cameras has led the community to acknowledge that document analysis and recognition (DAR) on digital camera images is a promising and growing sub-field. Constraints imposed by the memory, processing speed and image quality of these devices are leading to new interesting problems to be addressed.

Following the success of the first four CBDAR workshops in 2005 (Seoul, Korea), 2007 (Curitiba, Brazil), 2009 (Barcelona, Spain), and 2011 (Beijing, China), CBDAR 2013 will be held in Washington DC, USA in conjunction with ICDAR 2013. The aim is to bring together researchers to present cutting edge issues and techniques and contribute to discussions on future research directions.

Topics of Interest include, but are not limited to:

- camera based acquisition
- restoration of camera captured documents (dewarping, deblurring, etc.)
- image degradation models for camera captured characters/documents
- document image quality analysis
- character segmentation / recognition from scene images
- layout analysis for camera captured documents
- video of text / text in video
- document image retrieval
- devices and algorithms for camera-based document analysis
- device constrained techniques and algorithms
- performance evaluation and metrics
- applications such as translation, reading text for the blind, etc.

Workshop Format

CBDAR will be a 100% participation, one-day, single-track workshop featuring keynote talks, oral/poster presentations, a demo session, and a discussion group.

Publications

Electronic copies of the workshop proceedings containing all contributed papers will be distributed at the workshop. After the workshop, revised versions of selected papers will be published in Springer LNCS series as post-proceedings.

Submission Information

CBDAR 2013 invites the submission of original, previously unpublished work and welcomes, with some restrictions, submissions which are closely related to work submitted to ICDAR 2013. This workshop employs single-blind review, in which referees remain anonymous for the authors throughout the process.

Papers should not exceed 6 printed pages in IEEE CS format. Full details of the formatting instructions, a sample document and templates for LaTeX and MS-Word users will be available at the CBDAR 2013 homepage.

Important Dates (New)

Abstract submission due: May 20, 2013
Paper submission due: May 27, 2013
Author Notification: July 01, 2013
Camera-ready paper due: July 15, 2013

Co-Chairs

Masakazu Iwamura
Osaka Prefecture Univ., Japan
Faisal Shafait
Univ. of Western Australia, Australia

Program Committee

Alessandro Bissaco
Google Inc., USA
Michael Blumenstein
Griffith University, Australia
Andreas Dengel
DFKI, Germany
David Doermann
Univ. of Maryland, USA
Boris Ephstein
Google Inc., USA
Basilis Gatos
NCSR Demokritos, Greece
M. Shehzad Hanif
King Abdulaziz Univ., Saudi Arabia
C.V. Jawahar
IIT, India
Dimosthenis Karatzas
CVC, Spain
Raghavan Manmatha
UMass Amherst, USA
Jiri Matas
Czech Tech. Univ., Czech Republic
Gaofeng Meng
Chinese Academy of Sciences, China
Majid Mirmehdi
Bristol University, UK
Shinichiro Omachi
Tohoku Univ., Japan
Umapada Pal
ISI, India
Ray Smith
Google Inc., USA
Jun Sun
Fujitsu R&D Center, China
Seiichi Uchida
Kyushu Univ., Japan
Szilard Vajda
National Institutes of Health, USA
Jerod Weinman
Grinnell College, USA