

CALL FOR PAPERS

International Journal on Document Analysis and Recognition

Special Issue on Robust Reading

Aims and Scope

Document Image Analysis (DIA) was established to address the need for the automated analysis of scanned paper documents, but has evolved to incorporate a great variety of text containers including digital-born (Web and email) images, scene images, and video sequences. These types of text containers introduce a range of new challenges for document image analysis, stemming from perspective distortions, a large variety of fonts and backgrounds, anti-aliasing, and compression artefacts. Addressing the need of reading textual content in such domains entails a paradigm shift in the document analysis field that calls for a change in the definition of “document” to include complex unconstrained text containers, as opposed to the traditional scanned paper document. The IJDAR Special Issue on Robust Reading invites original work on topics related to the detection, extraction and recognition of textual content in such complex unconstrained text containers.

Topics of Interest

The list of topics includes but is not limited to:

- Scene text localisation, segmentation, and recognition
- Reading scene and/or overlaid text in video sequences
- Text localisation, segmentation, and recognition in born-digital images
- Restoration of camera captured documents (dewarping, deblurring, etc.)
- Quality estimation and degradation modelling of camera-captured text
- Performance evaluation and metrics
- Applications such as translation, reading text for the blind, etc
- Graphical content interpretation in complex settings

Submission Process

Authors are encouraged to submit high-quality, original work that has neither appeared in, nor is under consideration by, other journals. All submissions will be peer reviewed subject to the standards of the journal. Manuscripts based on previously published conference papers must be extended substantially. Manuscripts should be submitted to: <http://www.editorialmanager.com/ijda/>. All submissions are strictly limited to 15 pages in IJDAR format. Detailed instructions are available on the IJDAR website. Please select “S.I.: Robust Reading” in the menu “Choose Article Type” after clicking on “Submit new manuscript”. The submission site will open on 1st May, 2014.

Important Dates

Paper submission (hard deadline)	01 Jun 2014
First notifications	01 Aug 2014
Submission of revised papers	01 Oct 2014
Acceptance notifications	01 Nov 2014
Camera ready papers due	15 Nov 2014
Issue published	Mar 2015

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