

Newsletter 63, August 2000

Newsletter of the IAPR Technical Committee on Graphics Recognition (TC10)
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<http://www.iapr-tc10.or.kr/membership/>

TC10 News #63

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Dear TC10 members and friends,

Welcome to issue #63 of TC10 News.

My four year term as the chairman of TC10 will end at ICPR 2000 in Barcelona (next week). This is my last mailing to the TC10 list. I will pass on the mailing list as well as the TC10 web site to the next chair person.

First, there are a few meeting announcements. At ICPR in Barcelona, there will be a meeting of TC10.

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|Meeting of IAPR Technical Committee on Graphics Recognition (TC10)|
| at ICPR 2000 in Barcelona |
| Venue: Sants/Montjuic (same room as the Track 3 sessions) |
| Monday, September 4th, at 19:00 (7pm) |
+-----+

The agenda is as follows:

- Report on TC10's activities for the last 2 years
- Next TC10 chairperson
- Information about GREC 2001
- Discussion about future plans and actions
- Miscellaneous

In addition, at ICPR, there will be a joint TC10/TC11 meeting to discuss ICDAR related issues.

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| Joint Meeting of IAPR Technical Committees 10 and 11 |
| at ICPR 2000 in Barcelona |
| Venue: Sants/Montjuic (same room as the Track 3 sessions) |
| Wednesday, September 6th, at 19:00 (7pm) |
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These announcement will also be posted at the conference venue. Please plan to attend these meetings. Since both of these meetings are followed by social events, please be on time so we can cover the agenda quickly and show up on time for the events.

Below is an update on the post GREC'99 book on graphics recognition. The book is now in the press. This is followed by the CFP for GREC 2001 and IGS 2001 and an announcement of the document layout interpretation.

-Atul

> From: Atul Chhabra <atul@basit.com>
> Subject: Update: Post GREC'99 Book

The Post GREC'99 LNCS volume will be published soon by Springer. Here is the bibtex entry for the volume.

@Book{chhabradori00,
editor = "A. K. Chhabra and D. Dori",
 title = "Graphics Recognition -- Recent Advances",
 publisher = "Springer Verlag",
 year = 2000,
 series = "Lecture Notes in Computer Science",
 volume = 1941,
 month = September,
 note = "To appear"
}

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From: Dorothea Blostein <blostein@cs.queensu.ca>
Subject: CFP: GREC 2001, Kingston, Ontario, Canada, September 2001
Call For Papers
GREC 2001: the Fourth IAPR International Workshop on Graphics Recognition
Kingston, Ontario, Canada
September 7-8, 2001
http://www.cs.queensu.ca/grec2001

You are invited to participate in GREC 2001, a single-track 2-day workshop on methods and systems for graphics recognition. Graphics recognition, a branch of document image analysis, is the recognition of two-dimensional notations such as engineering drawings, maps, mathematical notation, music notation, tables, and chemical structure diagrams. The GREC workshops provide an excellent opportunity for researchers at all levels of experience to share insights into graphics recognition methods. The workshops enjoy strong participation from researchers in both industry and academia.

GREC 2001 will be held just preceding ICDAR 2001, the 6th International Conference on Document Analysis and Recognition (Seattle, Washington, September 10-13, 2001). The workshop city, Kingston, Ontario, is located at the eastern end of the Great Lakes, where Lake Ontario empties into the St. Lawrence River. The conference hotel, the Holiday Inn Kingston-Waterfront, offers stunning views of Lake Ontario and the Rideau Canal. The banquet on September 7 features a three hour cruise of the famed 1000 Islands, a popular vacation destination.

Workshop Format

The format of GREC 2001 follows the tradition of preceding GREC workshops. Attendance will be limited to 80 persons. All participants are expected to contribute to the conference. The written contribution can be a short half-page statement, a full-length paper, or anything in between. Full participation ensures that all attendees get to know one another. We welcome participants who are new to graphics recognition, and request that they write a half-page statement indicating why they have become interested in the graphics recognition area. The full text of all contributed papers will be available in proceedings distributed at the workshop. After the workshop, the program committee plans to publish revised versions of selected papers as an LNCS Volume, Springer Verlag.

Arc Segmentation Contest

At past GREC workshops, contests were held in the areas of dashed line detection and raster to vector conversion. GREC 2001 features an arc segmentation contest organized by Dov Dori and Liu Wenyin. Further information may be found at <http://research.microsoft.com/users/wyliu/arcsegcontest.htm>

Topics

Any topic related to graphics recognition is welcome. This includes (but is not limited to):

- Recognition of primitives; raster-to-vector conversion
- Recognition of symbols in diagrams
- Separation of symbols and text in diagrams
- Interpretation of engineering drawings, logic diagrams, maps, charts, mathematical notation, music notation, and other graphical notations.
- Analysis of line drawings, tables, and forms
- Interpretation of low-level ("dumb") CAD data
- Description of complete systems for interpretation of graphics in scanned documents
- Performance evaluation in graphics recognition

Submission Deadlines

Abstract Due: March 1, 2001
Acceptance Notification: May 1, 2001
Final Manuscripts Due: June 15, 2001

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Further information is available at the workshop home page
<http://www.cs.queensu.ca/grec2001>

> From: Ruud Meulenbroek <meulenbroek@nici.kun.nl>
> Subject: CFP: IGS 2001, Nijmegen, the Netherlands, August 2001

CALL FOR PARTICIPATION

IGS 2001

TENTH BIENNIAL CONFERENCE OF THE INTERNATIONAL GRAPHONOMICS SOCIETY

CONFERENCE CENTRE OF THE UNIVERSITY OF NIJMEGEN
NIJMEGEN, THE NETHERLANDS
6 -8 AUGUST, 2001

On behalf of the organizing committee I would like to invite you to participate in the Tenth Biennial Conference of the International Graphonomics Society, IGS 2001. Since 1982 nine meetings have been held of which four in Europe, three in North America and two in Asia. The special theme of IGS 2001 will be Motor Disorders but papers are invited on all aspects of the science and technology of handwriting and graphic skills including the following topics: MOTOR DISORDERS: diagnostics and treatment, central and peripheral disorders, neurological basis and neuro-imaging; MOTOR CONTROL: neurocognitive processes, biomechanics, biophysics, neuro-imaging, motor development; COMPUTER SCIENCE: recording and analysis techniques, on-line and off-line processing, pattern recognition and artificial intelligence; FORENSIC SCIENCE: document examination, case studies and new scientific techniques, writer-identification procedures; EDUCATION: cross-sectional and longitudinal studies, teaching and learning disabilities, letter design and remediation; PALEOGRAPHY: history and calligraphy, oriental languages, automatic processing.

IMPORTANT DATES

Paper submission : 15 March, 2001
Notification of acceptance: 31 May, 2001
Camera-ready papers and registration: 1 July, 2001
Conference: 6-8 August, 2001.

More details can be found on the conference homepage:
http://www.socsci.kun.nl/psy/igs/igs_2001.

We would appreciate if you circulate this email among your colleagues.

Best regards,
IGS 2001 Chair
Ruud Meulenbroek

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> From: Andrew Bagdanov <andrew@wins.uva.nl>
> Subject: Mailing List: Document Layout Interpretation and its Applications

This purpose of this message is to inform you of the creation of a mailing list devoted to the discussion of issues in Document Layout Interpretation and its Applications (DLIA).

The mailing list is hosted by eGroups.com, and is a direct outgrowth of the DLIA'99 workshop held in conjunction with ICDAR99 in Bangalore. The layout analysis of scanned paper documents has reached the level of maturity where we are in a position to begin contemplating the variety of applications made possible only by accurately interpreting document layout. The DLIA workshop was started to bring together researchers working on the problem of interpreting document layout.

The aim of the mailing list is to provide a forum for researchers to share information and resources. At the workshop there was a general consensus that such a mailing list would be useful, and that most attendees would choose to participate.

Topics of discussion include:

- * Model-based document interpretation
- * Table recognition
- * Document retrieval
- * Generic document structure analysis
- * Learning of spatial relationships between document layout components
- * Standards for document layout representation

You may visit the online proceedings page for DLIA'99 at:

<http://www.science.uva.nl/events/dlia99/>

for a better idea of the topics of discussion covered at the workshop. The online proceedings page contains PDF versions of all papers presented at the workshop, as well as summaries of the individual discussion sessions.

We have also created a web page devoted to document layout interpretation:

<http://www.science.uva.nl/research/dlia/>

The web site contains a link to the summaries of the discussion sessions from the DLIA'99 meeting in Bangalore. Both the DLIA eGroup and web site contain initial information only, and we depend upon your participation and suggestions for additional resources.

TO JOIN THIS GROUP, go to our site at

<http://www.egroups.com/invite/dlia>
and click the "JOIN" button

If you do not wish to join the dlia group, just ignore this invitation.

Thank you for your time.

Marcel Worring
Thomas Breuel

Andrew Bagdanov
DLIA eGroup Moderator
dli-owner@egroups.com

I hope to see you at ICPR and at the TC meetings. Please make time to attend the TC10 and the joint TC10/TC11 meetings.

Your TC10 chairman.

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