# Newsletter 09

## Hello everybody,

Well, finally I got the formal approval from IAPR for using the IAPR logo for our TC10 event, and we pinned down the last details of the call for papers, so here comes the first call for papers

IAPR Workshop on Graphics Recognition (sponsored by the International Association for Pattern Recognition)

The Pennsylvania State University University Park, Pennsylvania, 16802 USA

August 10-11, 1995

You are invited to participate in a single-track 2-day workshop on methods and systems for graphics recognition organized by IAPR TC-10 (Technical Committee on Graphics Recognition). The workshop will comprise several sessions dedicated to specific topics. For each session, there will be 1 or 2 main paper presentations giving the state of the art and stating the open questions for the session's topic, followed by a number of short presentations where each participant is invited to contribute by proposing solutions to some of the questions or presenting results of his/her work. Each session will be concluded by a panel discussion. There will also be time for working groups where participants can discuss in detail specific problems.

The workshop will be held just before the 3rd International Conference on Document Analysis and Recognition (Montreal, Canada, August 1995). Attendance will be limited to 75 persons. All participants are expected to contribute actively to the workshop, either by presenting a full state-of-the-art paper, or by an abstract of remarks on a specific topic. You are invited to submit to the program committee an abstract (maximum 2 pages) of your proposed contribution to the workshop. Please indicate also if you would be willing to present a state-of-the-art paper on this topic, if invited to do so by the program committee.

Pre-proceedings of all contributed papers will be available at the workshop for the participants. After the workshop, the program committee plans to publish as a book revised versions of selected key papers, possibly including reports from the panel discussion groups.

Relevant topics include but are not limited to:

- raster-to-vector techniques
- recognition of graphical primitives
- recognition of graphic symbols in charts and diagrams
  interpretation of engineering drawings, logic diagrams, maps,
- charts, etc.
- analysis of line drawings, tables, forms etc.
- 3-D models from multiple 2-D views
- description of complete systems for interpretation of graphics in scanned documents

Workshop Organization

Chairs:

Rangachar Kasturi Department of Computer Science and Engineering Penn State University University Park, PA 16802, USA Email: kasturi@cse.psu.edu, Phone: +1 (814) 863-4254, Fax: +1 (814) 865-3176

Karl Tombre INRIA Lorraine & CRIN/CNRS Batiment LORIA, 615 rue du jardin botanique, B.P. 101 54602 Villers-les-Nancy Cedex, France Email: tombre@loria.fr, Phone: +33 83 59 20 71, Fax: +33 83 27 83 19

Program Committee:

Sergey Ablameyko Institute of Engineering Cybernetics, Minsk, Belarus Atul Chhabra NYNEX Science & Technology, USA Vincenzo Consorti IBM SEMEA, Italy Luigi Cordella Naples University, Italy Dov Dori Technion Haifa, Israel Osamu Hori Toshiba R&D Center, Japan Stephen Joseph Sheffield University, UK Gerd Maderlechner Siemens AG, Germany Babu Mehtre ISS, National University, Singapore Lawrence O'Gorman AT&T Bell Labs, USA Theo Pavlidis SUNY at Stony Brook, USA Ken Tomiyama Aoyama Gakuin University, Japan

Abstracts (max. 2 pages, 3 copies): December 31, 1994 Acceptance notification: March 15, 1995

#### Camera Ready Manuscripts: May 15, 1995

Please send your abstract to one of the co-chairs. Contact either one of the co-chairs for further information.

I also got an updated version of the CFP for SPPR94

Call for Papers

SSPR'94 International Workshop on Syntactic and Structural Pattern Recognition

October 4-6 1994 Technion - Israel Institute of Technology HAIFA, ISRAEL

General Information.

Syntactic and structural pattern recognition encompasses all aspects of pattern recognition that are related to the structure and/or syntax of the patterns under consideration as a basis for their recognition.

SSPR'94 is the fifth workshop in a series of workshops organized by the Technical Committee on SSPR of the International Association for Pattern Recognition (IAPR), and held traditionally in conjunction with the large IAPR International Conference on Pattern Recognition (ICPR), held in October 1994 in Jerusalem.

The goal of this workshop is to provide a forum for discussing issues related to syntactic and structural pattern recognition. These issues include, but are not limited to, the following issues:

- General methodology.

- Machine learning and grammatical inference.
- Structured document image analysis: handwriting, maps, technical drawings.
- Speech and one-dimensional signal analysis.
- Structural methods in image processing.
- Shape analysis.
- Structural methods in computer vision.

We solicit contributions of two types:

- Research papers (extended abstracts limited to 10 double-spaced pages) - Position papers (about any of the relevant issues).

The workshop will feature paper presentations, discussions and panels based on position papers submitted, and invited speakers.

The abstracts of the papers will appear in a conference proceedings. The papers presented at the Workshop will be published in a book format.

Important Dates in 1994:

March 1: Paper Submission. June 1: Notification of Acceptance. July 1: Final Abstract Submission. Camera Ready Paper at the Workshop.

Program Committee

- Co-Chairmen: Dov Dori and Alfred Bruckstein
- H. Baird AT\&T Bell Labs, Murray Hill, NJ, USA R. Basri Weizmann Inst., Rehovot, Israel
- H. Bunke University of Bern, Switzerland D. Doermann - University of Maryland, College Park, USA
- R.M. Haralick University of Washington, Seattle, USA
- H. Freeman Rutgers University, NJ, USA R. Kasturi Penn. State, University Park, PA, USA
- N. Kiryati Technion, Haifa, Israel

- N. Kiryati Technion, Haifa, Israel M. Lindenbaum Technion, Haifa, Israel R. Mohr Institut Polytechnique, Grenoble, France H. Noltemeier, University of Wuerzburg, Germany T. Pavlidis, SUNY at Stony Brook, NY, USA A. Rosenfeld U. of Maryland, College Park, USA A. Sanfeliu Polytechnic of Catalonia, Barcelona, Spain G. Sanniti di Baja NRC, Napoli, Italy C.Y. Suen Concordia University, Montreal, Canada K. Tombre, INRIA & CRIN/CNRS, Nancy, France K. Yamamoto Electroterchnical Laboratory, Japan PS P. Wang, Northeastern, Boston, MA, USA

- P.S.P. Wang Northeastern, Boston, MA, USA H. Wolfson TAU, Tel Aviv, Israel

Workshop Secretariat: Ms. Nilly Schnap

Faculty of Industrial Engineering and Management Technion, Israel Institute of Technology Technion City, Haifa 32000, ISRAEL

Registration email ierns01@technion.technion.ac.il

Correspondence e-mail: SSPR94@ie.technion.ac.il

Then and finally, a new announcement from the DIMUND Document Understanding Information Server, which was sent to all ICDAR

#### participants:

## Dear ICDAR93 Participant:

The Document Processing Group at the University of Maryland has recently established a "gopher server" as a repository for Document Understanding information and resources and a "mail server" for the timely distribution of document understanding information.

We are soliciting information from ICDAR participants about the availability of technical reports, source code, datasets, bibliographies, calls for papers, and similar material of interest to the general community.

We would appreciate it if you would post an electronic copy of timely information (announcements/questions, ...) to the mailing list:

#### Documents@dimund.umd.edu

or archival type information (descriptions, tech reports, ...) to the gopher server:

## gopher@dimund.umd.edu

Periodic postings of information which you deem valuable are always encouraged. (NOTE: Some institutions have anonymous ftp access to technical reports. Let us know where they are and we can establish pointers to them.)

Thank you, and please feel free to contact me if you have any questions. Additional information on how you and your colleagues can access the server and subscribe to the mailing list is attached.

Sincerely,

David Doermann Document Processing Group University of Maryland, College Park

\_\_\_\_\_

The DIMUND Document Image Understanding Information Server

## Gopher+ Server and Mailing List

This system is under development as a repository for Document Understanding information and resources. The site is housed with the Document Processing Group at the University of Maryland and available via Gopher at the node dimund.umd.edu, port 70.

Please take a moment to subscribe to the mailing list and explore the core resources on the server.

Some of the information available on this server includes:

- Research Announcements, Calls for Papers and Conference Programs
- Document-List Digest Archive

- On-line access to a document understanding bibliography including feature extraction, OCR, on-line recognition, text/graphics discrimination, signature verification and related document problems.

- A contribution directory for Document Understanding Resources
- source code
- technical reports
  database information
- Archives of document understanding internet utilities

\*\*\*\*\*\* Submissions of all relevant information are strongly encouraged. \*\*\*\*\*\*

## SYSTEM ACCESS

Access to this information is available via

Gopher:

An interactive information server available at dimund.umd.edu, port 70 To add DIMUND Gopher to and existing system, use the following link:

Name=DIMUND Document Image Understanding Information Server Type=1 Port=70 Path=1/ Host=dimund.umd.edu

If you do not have gopher, information about how to obtain it is available by sending a mail message to dimund.umd.edu with body HELP GOPHER

#### Telnet:

Access is available on a temporary basis via telnet to dimund.umd.edu.

Use "gopher" as a login.

Anonymous FTP: Access to the selected files on the server by connecting to dimund.umd.edu. Upload capabilities are also available.

EMail:

Email Access to selected files stored on the server is available through the document server (Document-Server@dimund.umd.edu). The DOCUMENTS mailing list is also processed by the server

Gopher access is the most complete and easiest to use. Please take time to browse through the system. Although the core resources will be compiled by the University of Maryland, the success of such a system depends on user support, contributions and advertising.

For additional help getting started, send a mail message containing the following body

HELP

to Document-Server@dimund.umd.edu

CONTRIBUTIONS

Contributions can be sent to documents@dimund.umd.edu in the format specified in the Gopher file

USING\_THE\_SYSTEM/SUBMISSION\_INSTRUCTIONS

or uploaded via anonymous FTP.

The format can also be obtained via email by sending a mail request to Document-Server@dimund.umd.edu containing the single line

HELP SUBMISSIONS

MAILING LIST

A Document Understanding Mailing List (DOCUMENTS) is also available as part of the document server.

Send a mail message to Document-Server@dimund.umd.edu containing the following body

SUBSCRIBE DOCUMENTS <first name> <last name>

For additional help with the mailing list or online bibliography searchs, send a mail message containing the following body

HELP MAIL-LIST HELP BIBSEARCH

to Document-Server@dimund.umd.edu

QUESTIONS and COMMENTS

Summary of email Help commands:

HELP (Server Help) HELP DOCUMENTS (This file) HELP MAIL-LIST HELP BIBSEARCH HELP KEYWORDS HELP SUBMISSIONS

Direct all questions to gopher@dimund.umd.edu

Moderated by: Dr. David Doermann

| Document Processing Group Phone: (301) 405-4526 | Center For Automation Research Fax: (301) 314-9115 | University of Maryland Email: gopher@dimund.umd.edu | College Park, MD 20742 | USA

Well, that was some fresh information from IAPR TC10. Remember the submission deadlines for ICPR'94 (Feb. 1), SSPR'94 (Mar. 1) and DAS (Apr. 1), so that we are sure to meet at these events.

Your TC10 chairman,

Karl Tombre - INRIA Lorraine / CRIN-CNRS --- Email: Karl.Tombre@loria.fr Post: Batiment LORIA, BP 239, 54506 Vandoeuvre CEDEX, France --or--615 rue du jardin botanique, BP 101, 54602 Villers CEDEX, France Phone: +33 83.59.20.71 --- Fax: +33 83.41.30.79 --or-- +33 83.27.83.19