

Newsletter 32

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Dear TC10 members and friends,

This is the first mail in the TC10 mailing list after our Pennsylvania graphics recognition workshop and ICDAR'95 in Montreal. Several new people have been added to the list since last mail, so welcome to all new members and I hope you enjoy the info provided by this list.

The workshop was deemed to be a success, as far as I understood from the participants. Rangachar Kasturi and his team had arranged everything very nicely so we enjoyed all parts of our stay in Pennsylvania. I think we will have some more detailed reports published in this list later; as previously mentioned, I encourage some volunteer among the participants to write a report about the whole workshop.

The dashed-line detection contest was a novel idea we experienced with at this workshop. Unfortunately, several groups told us that they wanted to compete but did not have enough time to finish the work. However, one group finished and run its program on the data at Penn State University during the workshop. It was Dov Dori's group from Technion in Haifa, Israel, and not only did they finish their work, but their system was very successful in recognizing the dashed lines, as we all could see when Dov demonstrated his system, and as was confirmed by the performance analysis program. So Dov Dori and his group won the contest prize. Congratulations!

As a lot of work was put into the performance analysis program and the contest data generation, and as several groups expressed interest in the challenge, we announce that both data generation software and performance analysis software will continue to be available, so that other groups can get a chance to complete (or begin!) the work and run their system on the data. All groups who are interested in this, please contact me, Rangachar Kasturi (kasturi@cse.psu.edu) and Bob Haralick (haralick@ee.washington.edu).

We are now preparing a post-workshop book with selected papers from the workshop + a paper describing Dov's winning program and another paper describing the evaluation software. The different articles will be reviewed, and we hope to have the book out in not so many months. It will be published by Springer Verlag in the Lecture Notes in Computer Science series.

We have also been discussing the possibility to hold a similar workshop in 1997, just before (or just after) ICDAR'97 in Ulm. Most probably, this workshop will be held here in Nancy, which is just a 4-hours drive from Ulm.

ICDAR'95 in Montreal was also an interesting conference. I hope we also will have some report about this conference later in this mailing list. Any volunteer out there?

In Montreal, it was decided that ICDAR'99 (4 years from now) will be held in Bangalore, India. We look forward to yet another very interesting event, and maybe some of us already begin to plan where we could have a graphics recognition workshop in 1999!

Well, these were some fresh news from TC10. As I said in Pennsylvania, my next task is now to pass on the TC10 chair to somebody else next year in Vienna, during the next ICPR. But of course, I will continue until then to provide regular information in this mailing list, (-; as long as there are some people listening ;-). Please feel also free to send me information for inclusion in this list, such as PhD theses on graphics recognition which have been finished, starting work, events, etc.

Well, now to some announcements. First, a call for nominations issued by the IAPR:

>From: gldb@imagn.na.cnr.it (Gabriella Sanniti di Baja)
>Subject: Call for Nominations (KS Fu Award)

The International association for Pattern Recognition is pleased to announce a call for nominations for the 1996

KING-SUN FU AWARD

in honor of the memory of Professor King-Sun Fu. Professor Fu was instrumental in the founding of IAPR, served as its first president, and is widely recognized for his extensive contributions to the field of pattern recognition.

This biennial award will be given to a living person in the recognition of an outstanding technical contribution to the field of pattern recognition, and will consist of a cash prize and a suitably inscribed certificate. The prize is derived from interest income from a special fund set up for this purpose.

The award recipient shall be selected by the Award Committee, subject to approval by the IAPR Governing Board, upon nomination by a member of a national member society of IAPR and by endorsement of at least five members, representing at least two member societies different from that of the nominator's.

Members of the IAPR Executive Committee, as well as of the Award Committee, shall be ineligible for the award and may not serve as nominators or endorsers.

The 1996 award is intended to be presented at the
International Conference on Pattern Recognition
Vienna, Austria
25-30 August, 1996

The nomination must be made on a special nomination form, and must be received by the Award Committee Chairman no later than 15 January 1996. To obtain copies of the nomination form, contact the chairman of the Award Committee:

Dr. Herbert Freeman, Chairman, K.S. Fu Award Committee
CAIP Center/Rutgers University
CoRE Building 501, Frelinghuysen Road
P.O. Box 1390
Piscataway, NJ 08855-1390 USA

Email: freeman@tesla.rutgers.edu
Fax: (908) 445-0593

There is also a next DAS workshop, in 1996. This will also be held in Pennsylvania! Here is the CFP:

>From: hull@cache.crc.ricoh.com (Jonathan Hull)
>Subject: DAS96 Call for Papers

International Association for Pattern Recognition Workshop on
Document Analysis Systems
Malvern, Pennsylvania, October 14-16, 1996

Call for Papers

An intensive, three-day, single-track, 100% participation workshop on the research and development of systems for the analysis of document images.

Academic and industrial researchers, end-users and students are encouraged to attend. We expect to provide several student scholarships

Attendance will be limited to 75 people. Papers will be delivered in a single-track format. A portion of the workshop will also be devoted to panel discussions and working groups. Participants will be invited to propose topics for these in advance. There will be ample opportunity for informal discussion and socializing.

Sponsors

IAPR Technical Committee on Graphics Understanding (TC-10)
IAPR Technical Committee on Text Processing (TC-11)
Loral Defense Systems-Eagan
Ricoh Corporation
U.S. Department of Defense

Topics

- descriptions of complete, working document image analysis systems, including applications to large document image databases
- applications to text, graphics, maps, logic diagrams, music, etc.
- studies of system architectures
- methods of performance evaluation
- interfaces to knowledge databases and post-processors
- algorithms for symbol recognition
- layout segmentation

Submission of Papers

Authors are invited to submit either a full paper or an abstract of remarks. Full papers, of up to book-chapter length, will be presented formally, published in a limited number of refereed Proceedings available at the meeting, and considered for archival publication in a post-workshop book. Abstracts of remarks, one page in length, will be delivered more briefly, and will not be published in the Proceedings unless requested. Authors should submit four copies of each paper or abstract, cleanly typed and in English. If there are several authors, please indicate the author that will handle all correspondence. The email address of the corresponding author should be provided.

Acceptance of a paper or abstract will result in automatic distribution of registration materials.

Send full papers, abstracts, or inquiries about

the technical program to:

Jonathan J. Hull
Ricoh California Research Center
2882 Sand Hill Road, Suite 115
Menlo Park, CA 94025 USA
TEL: 415-496-5723 FAX: 415-854-8740 EMAIL: hull@crc.ricoh.com

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Important Dates

April 1, 1996 Submission of Full Papers
June 15, 1996 Acceptance of full papers
July 1, 1996 Submission of abstracts
August 1, 1996 Acceptance of abstracts
August 15, 1996 Camera-ready copy
September 1, 1996 Registration payment and hotel reservation

Workshop Information

Pre-registration will be required.
Information about the workshop and the registration procedure
will be available over the World Wide Web at:

<http://www.vfl.paramax.com/pub/das>

Other inquiries about local arrangements, registration,
and scholarships should be directed to:

Suzanne Liebowitz Taylor
Loral Defense Systems-Eagan
70 E Swedesford Road
Paoli, PA 19301-0517

TEL: 610-648-2009 FAX: 610-648-2288 EMAIL: das@vfl.paramax.com

IAPR TC2 is organizing the SSPR workshop series, which are also
interesting to many of us. Here is the CFP for the next one:

>From: Petra Perner <perner@imise.uni-leipzig.de>
>Subject: 2. CFP for SSPR

SSPR'96
IAPR International Workshop on Structural and Syntactical Pattern Recognition
August 20-23, 1996
Leipzig, Bach's Home Town

General Information

Structural and syntactical pattern recognition encompasses all aspects of pattern recognition that are related to the structure and/or syntax of patterns under consideration as a basis for their recognition.
SSPR'96 is the sixth workshop in a series of workshops organized by the Technical Committee on SSPR of the International Association of Pattern Recognition (IAPR), and held traditionally in conjunction with the large IAPR International Conference on Pattern Recognition (ICPR).
The workshop will be held in August 1996 in Leipzig. The goal of this workshop is to provide a forum for discussing issues related to structural and syntactical pattern recognition. These issues include, but are not limited to, the following issues:

- General methodology,
- Machine learning and grammatical inference,
- Structure 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,
- Structural analysis of 3d object recognition.

Honorary Chairperson

Azriel Rosenfeld
University of Maryland, College Park, USA

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Karl Tombre - INRIA & CRIN/CNRS, Nancy, France
Saburo Tsuji - Wakayama University, Japan

We solicit contribution 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. It is planned to publish the papers by Springer Verlag in the series Lecture Notes in Computer Sciences. In addition to that, outstanding papers will be selected for journal publication as late memory issue of Prof. K.S. Fu (founder of IAPR and SSPP).

Location of the Workshop

Leipzig is a very old city in the south of Berlin. It is famous for its cultural traditions and facilities such as Gewandhaus, a famous music hall, and Gewandhaus orchestra, St. Thomas Church, Bach museum, Auerbach's Cellar etc.. It is also a very important university town. Leipzig's wealth is based on trade and industry. Besides the conference we can offer excursions or visits, e.g. visit to Bach museum where you are shown original handwritings of Bach and where you will hear a concert of his music. We will also visit a castle near Leipzig. It is known as the oldest preserved castle in the state Saxonia. It is famous for the late gothic style chapel with wood carvings from Peter Breuer. We will have a banquet there in historic atmosphere.

Important Dates:

December 1, 1995: Paper Submission
March 20, 1996: Notification of Acceptance
May 20, 1996: Camera Ready Paper

Six Copies of papers should be sent to the following address:

Institut fuer Bildverarbeitung und angewandte Informatik e.V. i. Gr.
- SSPP'96 -
Postfach 1519
04257 Leipzig, Germany

The address given in the first Call for Paper is also valid, but preferred is the address given above.

Finally, here is another CFP for a workshop which may be of interest to some of you:

>From: Jean Ponce <ponce@sal.cs.uiuc.edu>
>Subject: CFP: Int'l Workshop on Object Representation for CV

Announcement and First Call for Papers:

INTERNATIONAL WORKSHOP ON OBJECT REPRESENTATION FOR COMPUTER VISION

April 13-14 1996 - University of Cambridge, England
(Preceding ECCV'96)

Co-Chairs and Organizers:

Jean Ponce Martial Hebert Andrew Zisserman
University of Illinois Carnegie-Mellon University University of Oxford
(ponce@cs.uiuc.edu) (Martial.Hebert@cs.cmu.edu) (az@robots.ox.ac.uk)

An international workshop on object representation for computer vision will be held at the University of Cambridge, England, on April 13-14th, preceding ECCV'96 which begins on April 15th.

Technical contributions are sought in all relevant areas of computer vision, including (but not restricted to) the following:

- o Shape models o Quasi invariants
- o Appearance models o Automatic model acquisition
- o Functional models o Indexing and recognition
- o Object-class models o Representational issues
- o Part decompositions in applications

Background:

In December of 1994, a workshop co-sponsored by NSF and ARPA was held in New York City. Its goal was to evaluate current approaches to object representation and to identify important issues and promising research directions.

The 1996 Cambridge workshop is a follow-up to the 1994 New York workshop. Its goals are:

- o to present a state of the art of the research on object representation for object recognition;
- o to assess the progress achieved in key areas identified during the first workshop, e.g., part decomposition and quasi invariants; and,
- o to explore the representational issues involved in applications that go beyond traditional object recognition, e.g., image databases, manufacturing, medical imaging, or virtual reality.

Format:

The workshop will consist of three half-day sessions, each of them including an invited lecture, presentations of accepted papers, and a panel.

To facilitate discussions, the attendance to the workshop will be limited to a hundred participants. Submitted papers will be reviewed by an international program committee.

The proceedings (including the contributed papers and a summary of the panel discussions) will be published after the workshop and sent to all the workshop participants.

The workshop will be held just prior to ECCV'96 at the University of Cambridge, and accommodation will be at Jesus College.

Instructions to authors:

Four copies of each submitted paper should be received no later than December 1, 1995 by

o Andrew Zisserman (for European submissions)
Department of Engineering Science
University of Oxford
Parks Road
Oxford
OX1 3PJ, UK

or

o Martial Hebert (for US and other submissions)
The Robotics Institute
Carnegie-Mellon University
5000 Forbes Avenue
Pittsburgh, PA 15213
USA

Authors will be notified of acceptance by February 12, 1996.

Well, that's all for this time.

Your TC10 chairman,

Karl Tombre - INRIA Lorraine & CRIN-CNRS --- Email: Karl.Tombre@loria.fr
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