

Newsletter 42, June 1996

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- INFO: IMAGE PROCESSING & COMMUNICATIONS - An International Journal

Dear TC10 members and friends,

This is probably the last, or the last but one, TC10 news issue from me. My 4-years term as TC10 chairman ends officially at ICPR'96 in Vienna this August. If there is a lot of fresh info before that, I will maybe send out another issue in 2 or 3 weeks, but it's not sure.

However, the whole list of email addresses will be passed on to the next TC10 chairperson, so there should be no problem for you, you will continue (if you wish so) to receive news about topics of interest to the international graphics recognition community.

First, I have now gotten info from the ICPR organizers about the venue of our TC10 meeting in Vienna. So I hereby again invite all of you to come to the

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|Meeting of IAPR Technical Committee on Graphics Recognition (TC10)|
| ICPR conference venue: 3rd floor Room No 114a, area A green |
| Monday, August 26th, at 18:00 (6pm) |
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On the agenda:

- Report about TC10's activities these last 2 years
- Next TC10 chairperson
- Update information about the coming GREC'97
- Discussion about future plans and actions (including contests)
- Miscellaneous

This announcement will also be posted at the conference venue. In addition, there will be a poster presenting TC10 from Tuesday to Thursday, on a posterwall reserved for TC presentations, as far as I have understood.

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Now to the usual list of events, announcements, etc. As usual, some of these announcements are shortened, but you can find full versions of those (and of others) in my archives:

<http://www.loria.fr/~tombre/CFP/maillist.html> for the CFPs
<http://www.loria.fr/~tombre/Programs/maillist.html> for the programs
<http://www.loria.fr/~tombre/Misc/maillist.html> for misc. announcements

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First, an important announcement. I sent out in last issue the CFP for SDAIR'97. However, I recently got an email of which you will find some excerpts below, which announces that the symposium will be postponed. Many people have appreciated the very good scientific content of this series of symposia, so let us strongly hope that SDAIR "will be back" as soon as possible.

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>From: fujisawa@crl.hitachi.co.jp (Hiromichi Fujisawa)
>Subject: SDAIR'97 postponed

Dear DA Program Committee Members,

On behalf of Prof. Tom Nartker and Mr. Pedersen, I have to announce that SDAIR'97 will be postponed due to a severe drop in funding at ISRI. It was informed to us, Symposium Chair and Program Chairs, by Prof. Nartker the other day. He will continue to solicit funding and will pursue the possibility of sponsoring SDAIR'98.

I am sure that this symposium has been an invaluable opportunity for both fields of document analysis and information retrieval, which we cannot find somewhere else. We would like to express our appreciation to Prof. Nartker for this series of symposia.

With best wishes,

Hiromichi Fujisawa
DA Program Chair of SDAIR'97

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I have already sent out a CFP for this workshop, but here comes the

final CFP:

>From: iwvf3@imagm.na.cnr.it (iwvf3 Secretariat)
>Subject: IWVF3 Final CFP

**** Please note the news concerning publication on both the IWVF3 proceedings book (all accepted contributions) and a special issue of IVCJ (selected papers)****

FINAL CALL FOR PAPERS

3rd INTERNATIONAL WORKSHOP ON VISUAL FORM
Capri, Italy, May 28-30, 1997

The 3rd International Workshop on Visual Form (IWVF3) is organized jointly by the Department of Computer Science and Systems of the University of Naples and by the Institute of Cybernetics of the National Research Council of Italy. IWVF3 is sponsored by the International Association for Pattern Recognition.

IWVF3 Chairmen

Carlo Arcelli, Istituto di Cibernetica, Arco Felice, Naples
(car@imagm.na.cnr.it)
Luigi P. Cordella, DIS-Universita' di Napoli, via Claudio 21, Naples
(cordel@nadis.dis.unina.it)
Gabiella Sanniti di Baja, Istituto di Cibernetica, Arco Felice, Naples
(gsdb@imagm.na.cnr.it)

IWVF3 Scientific Committee

Keiichi Abe (Japan), Sergey V. Ablameyko (Belarus), Gunilla Borgefors (Sweden), Alfred Bruckstein (Israel), Virginio Cantoni (Italy), Dmitry Chetverikov (Hungary), Leila De Floriani (Italy), Dov Dori (Israel), Leo Dorst (The Netherlands), G=F6sta Granlund (Sweden), Erik Granum (Denmark), Richard Hall (USA), Rangachar Kasturi (USA), Benjamin Kimia (USA), Josef Kittler (UK), Walter Kropatsch (Austria), Anthony J. Maeder (Australia), Evangelos E. Miliios (Canada), Annick Montanvert (France), Giorgio Musso (Italy), Theo Pavlidis (USA), Pier Carlo Ravasio (Italy), Hanan Samet (USA), Franc Solina (Slovenia), Albert Vossepoel (The Netherlands), Piero Zamperoni (Germany)

Scientific Program

The scientific program will include invited talks and contributed papers. The goal of IWVF3 is to provide a discussion forum for researchers and practitioners interested in 2D and 3D shape analysis. Original and unpublished work in all aspects of this field is welcome. Main topics include:

-Shape Perception -Shape Representation -Shape Decomposition
-Shape Description -Shape Recognition -Other topics
related to shape

Prospective contributors are encouraged to submit papers and to attend IWVF3. Each paper will be reviewed by at least two reviewers. Accepted papers will be discussed in a single track, or presented as posters. All the presented contributions will be included in the proceedings volume, which will be published in book form after the workshop. Extended versions of selected contributions will be published in a special issue of the Image and Vision Computing Journal.

Invited Speakers

Kim L. Boyer (USA) Jan-Olof Eklundh (Sweden)
Robert M. Haralick (USA) Jan J. Koenderink (The Netherlands)
Michael Leyton (USA) Gerard Medioni (USA)
Jean Serra (France) Steve W. Zucker (Canada)

Registration Fee

The registration fee is 800.000 Italian lire, if paid by March 31, 1997, and 900.000 Italian lire afterwards. Members of IAPR are given a 5% discount. The registration fee includes admission to the scientific sessions, lunches and coffee breaks, the proceedings book, and the social program. The registration fee for full-time students is 350.000 Italian lire. It includes admission to the scientific sessions, lunches and coffee breaks, and the proceedings book. Full-time students must certify their status. The fee for accompanying persons is 350.000 Italian lire, and covers the social program.

Important Dates

October 31, 1996: Submission of contributions
March 1, 1997: Notification of acceptance
May 1, 1997: Camera-ready papers due

Paper submission

Four copies of full papers (no more than 10 pages, double-spaced, 12-point font) should be received no later than October 31, 1996 by the IWVF3 Scientific Secretariat, at the address listed below. The manuscript should include a separate title page, containing the names and the addresses of the authors (including e-mail and fax), an abstract of up to 200 words, one or more categories as listed above, 3-5 keywords that can be used to match submissions to reviewers, and the indication whether the authors would be willing to prepare an extended version of their paper to be published in a special issue of the Image and Vision Computing Journal shortly after IWVF3. Papers submitted by fax or email will not be reviewed.

IWVF3 Scientific Secretariat
Istituto di Cibernetica, CNR

Via Toiano 6
80072 Arco Felice, Napoli, Italy

IWVF3 Secretariat email address: iwvf3@imagn.na.cnr.it

WWW home page
Updated information is maintained at
<<http://amalfi.dis.unina.it/IWVF3/iwvf3cfp.html>>

Concomitant events

During the week preceding IWVF3, participants will have the opportunity to attend the International Workshop on Energy Minimization Methods in Computer Vision and Pattern Recognition (EMMCVPR'97), to be held in Venice, May 21-23, 1997.

For additional information, please contact the program co-chairmen Marcello Pelillo (email: pelillo@dsi.unive.it) and Edwin R. Hancock (email: erh@minster.york.ac.uk), or see
<<http://Dcpu1.cs.york.ac.uk:6666/~adjc/welcome.html>>

IWVF3 Scientific Secretariat
Istituto di Cibernetica - CNR
Via Toiano 6 - 80072 Arco Felice (Naples) ITALY

email: iwvf3@imagn.na.cnr.it
fax: + 39 81 5267654
www home page: <http://amalfi.dis.unina.it/IWCF3/iwvf3cfp.html>

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I know that this is very late for an announcement; unfortunately, I only retrieved this information a week ago, after coming back from summer holidays. Here is the CFP for ICASSP'97
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>From: bra@mmk.e-technik.tu-muenchen.de (P.Brand)
>Subject: ICASSP97

ICASSP 97 April 21-24, 1997 in Munich
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Remembrance

Last date to submit a proposal is August 1, 1996

TO SUBMIT A PROPOSAL

* Prepare a 2-3 page summary of the paper, including figures and references.

* Complete the Paper Summary Cover Sheet. Latex style files, other style sheets, and informational updates are available by anonymous ftp to [ftp-nt.e-technik.uni-erlangen.de](ftp://ftp-nt.e-technik.uni-erlangen.de) in the directory [pub/icassp97](ftp://pub/icassp97) and on the World Wide Web server URL <http://www-nt.e-technik.uni-erlangen.de/icassp97>.

* Send FIVE (5) copies of the summary and Paper Summary Cover Sheet to:

ICASSP-97 Congress & Seminar Management
Cornelia Schroettenhammer
Industriestrasse 35, D-82194 Groebenzell, Germany
Phone: +49(8142)570183, Fax: +49(8142)54735
Email: 100621.1451@compuserve.com

SCHEDULE

Submission of proposal: to be received by
August 1, 1996

Notification of acceptance: To be mailed out on
November 1, 1996

Submission of camera-ready paper To be received by
for print: December 15, 1996

Best regards,

ICASSP 97 COMMITTEE

General Chair
Manfred K. Lang
Lehrst. f. Mensch-Maschine-Kommun.
Technical Univ. of Munich
D-80290 Munich, Germany

Publicity Chairman
Peter Steffen
Lehrst. f. Nachrichtentechnik
Univ. of Erlangen-Nuremberg
Cauerstr. 7, D-91058 Erlangen, Germany
Phone: +49(9131)85-7102, Fax 303840
steffen@nt.e-technik.uni-erlangen.de

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Here is a conference with a focused and original topic:

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>From: Stephane Pigeon <Pigeon@tele.ucl.ac.be>
>Subject: AVBPA (Final Call for Papers)

FINAL CALL FOR PAPERS AND PARTICIPATION

**** Please note the news concerning publication both in the AVBPA proceedings book (all accepted contributions) and in a special issue of PRL (selected papers) ****

First International Conference
on
AUDIO- AND VIDEO-BASED
BIOMETRIC PERSON AUTHENTICATION

Crans-Montana, Switzerland
12-14 March 1997

(see <http://www.tele.ucl.ac.be/IMAGES/AVBPA> for most recent information)

With the emergence of communication and computer science synergies, the interest for security issues is increasingly at the center of attention. An important element in this is automatic authentication of persons. The 1st International Conference on Audio- and Video-based Biometric Person Authentication (AVBPA) will bring together the speech and face recognition researchers in an attempt to contribute to robust solutions for this challenging problem.

SCIENTIFIC PROGRAMME

The scientific programme will include the presentation of four invited talks and of contributed papers. Contributions covering the topics below are solicited. However, all submissions addressing issues related to person authentication with audio and/or video techniques are encouraged. Main technical areas are:

Features and Measurements:

- Biometrics of face and voice
- Still image based features
- Multiple image based features
- Motion/depth based features
- Audio and lip-movements
- Text dependent audio features
- Text independent audio features

Decision Strategies for Audio- & Video-based Data:

- Training procedures
- Decision theory and strategies
- Fusion of multiple decisions

System Architecture and Hardware:

- Centralized versus distributed databases
- Image and speech communication
- Sensor resolution and recognition studies
- Tracking cameras
- Special sensors

Prospective contributors are encouraged to submit papers and to attend AVBPA. Each paper will be reviewed by at least two reviewers. Accepted papers will be presented in a combination of single track and double track parallel sessions. All the presented contributions will be included in the proceedings volume, which will be published by Springer in the Lecture Notes in Computer Science series in time for distribution at the conference. Extended versions of selected contributions will be published in a special issue of Pattern Recognition Letters.

Invited Speakers:

Rama Chellappa (University of Maryland, USA) Sadaoki Furui (NTT, Japan)
John Mason (University of Wales Swansea, UK) Tomaso Poggio (MIT, USA)

CONFERENCE BOARD

General Chairs:

Josef Bigun
Swiss Federal Institute of Technology
CH-1015 Lausanne, Switzerland

Gerard Chollet
CNRS URA-820 and Institut Dalle Molle d'Intelligence
ENST Artificielle Perceptive (IDIAP)
Paris, France Martigny, Switzerland

AVBPA is sponsored by the Swiss Group for Artificial Intelligence and Cognitive Science (SGAICO) and by the International Association for Pattern Recognition (IAPR).

PAPER SUBMISSION

Authors should send three copies of a full paper to Dr. Josef Bigun, before September 15, 1996. Papers should be at most 6 pages long, since this is the estimated length of the proceedings version. The first page should contain the title of the paper, a 200-word abstract, 3-5 keywords, and the indication whether the authors would be willing to prepare an extended version of their contribution, in case their paper is selected for publication in the special issue of Pattern Recognition Letters.

Important Dates:

September 15, 1996 Paper submission
November 15, 1996 Notification of acceptance
December 15, 1996 Camera-ready papers due

Paper Submission Cover Sheet
(Attach to 3 copies of full paper)

Paper Title:

Technical Areas:

Author to contact (Please select one Author to be notified about paper status)

First Name:

Family Name:

Address:

Telephone:

Fax:

Email:

=====
This may be a little bit out of scope for the graphics recognition community, but maybe some of you are interested:
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>From: Symposium97_Faerber_Girod <sympos97@nt.e-technik.uni-erlangen.de>
>Subject: Call for Papers

2nd Erlangen Symposium
ADVANCES IN DIGITAL IMAGE COMMUNICATION
Telecommunications Institute, University of Erlangen-Nuremberg

sponsored by the
APRIL 25, 1997 IEEE Communication Society
German Chapter

CALL FOR PAPERS

Following the successful 1st Erlangen Symposium "Advances in Digital Image Communication" in June 1995, the 2nd Erlangen Symposium will again be held at the Telecommunications Institute of University of Erlangen-Nuremberg.

The Symposium will consist of a series of invited lectures by internationally renowned speakers, as well as contributed talks. Contributions are encouraged that discuss advances in topic areas of current interest, such as

- Image communication over packet networks
- Mobile and wireless video
- Investigations related to new compression standards
- Image coding based on three-dimensional models
- Joint audio and video processing

Accepted papers will be published in the conference proceedings that will be available at the time of the symposium. The lecture program will be augmented by demonstrations of ongoing work in the Image Communication Group of the Telecommunications Institute. The program will conclude with a banquet at historic Atzelsberg Castle.

The symposium site is a convenient taxi-drive from Nuremberg Airport with direct flights to major European cities. By train or car, Erlangen is less than 2 hours from Munich, the site of ICASSP-97. The 2nd Erlangen Symposium will take place on the day right after ICASSP-97.

INTERNATIONAL STEERING COMMITTEE

Bernd Girod, University Erlangen-Nuremberg (chair)
Jan Biemond, Delft University of Technology
Murat Kunt, Ecole Polytechnique Federale Lausanne
Andrew B. Lippman, Massachusetts Institute of Technology
Hans Georg Musmann, University of Hannover

TO SUBMIT A PAPER

Please send THREE copies of a 2-page summary, including figures and references to

Prof. Dr.-Ing. Bernd Girod
Telecommunications Institute
University of Erlangen-Nuremberg
Cauerstrasse 7, D-91058 Erlangen, GERMANY
phone: +49-9131-857100, fax: +49-9131-303840
email: girod@nt.e-technik.uni-erlangen.de

Submission of 2-page summary September 30, 1996
Notification of acceptance November 15, 1996
Submission of camera-ready paper January 31, 1997

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Maybe some of you are interested in this special issue:
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>From: suchi@pollux.cs.uga.edu (Suchi Bhandarkar)
>Subject: CFP - Special Issue of Image and Vision Computing

SPECIAL ISSUE of IMAGE and VISION COMPUTING JOURNAL

on

Evolutionary Computation in Computer Vision

Call for Papers

Theme of the Special Issue

Evolutionary computation is a term used to encompass a variety of population-based problem solving techniques that mimic the natural process of Darwinian evolution. Current research in evolutionary computation has resulted in powerful, yet versatile problem solving mechanisms for searching, adaptation, learning and optimization in a variety of application domains. The main avenues for research in evolutionary computation are genetic algorithms, genetic programming, evolutionary strategies and evolutionary programming. Genetic algorithms stress chromosomal operators, genetic programming deals with operators on more general hierarchical structures, evolution strategies emphasize behavioral changes at the level of the individual whereas evolutionary programming stresses behavioral changes at the level of the species. The common factor underlying all the above approaches to evolutionary computation is the emphasis on an ensemble of solution structures, and the evaluation and evolution of these structures via specialized operators that mimic their biological counterparts, in response to an ever changing environment.

Problems in computer vision and image understanding have always called for powerful problem solving techniques. This special issue will focus on problem solving techniques for computer vision and image understanding that are based on the paradigm of evolutionary computation. The topics of relevance to the special issue include but are not necessarily limited to:

Low-level vision

Evolutionary optimization, adaptation and learning algorithms for edge detection, image segmentation, figure-ground separation, texture analysis, feature selection, shape-from-XYZ and surface reconstruction.

High-level vision

Evolutionary computation for object recognition, scene analysis, indexing and search of model/image databases, and high-level learning of symbolic descriptions.

Active vision

Evolutionary computation for autonomous vision-guided navigation, path planning, sensing strategies, sensor integration, visual servoing, vergence and gaze control, hand-eye coordination, active tracking and vision-guided task planning.

Neural vision

Evolutionary computation for learning, adaptation and optimization of neural network structure and topology for computer vision problems.

Guest Editor

Dr. Suchendra M. Bhandarkar
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415 Boyd Graduate Studies Research Center
The University of Georgia

Athens, GA 30602-7404, U.S.A.
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FAX: (706) 542-2966
E-mail: suchi@cs.uga.edu

Submission Procedure

Five copies of manuscripts (not exceeding 35 double-spaced pages in 12 pt size font including figures and tables) describing previously unpublished and original research should be submitted to reach the guest editor on or before January 31, 1997. All submissions will be peer reviewed for originality, significance, technical content and relevance to the special issue.

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The second workshop on document analysis system will be held this fall in Malvern (PA). Here is some information on this workshop:
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>From: suzanne@Paoli.ATM.LMCO.COM
>Subject: DAS 1996: Call for Participation

The following is a copy of the Call for Participation and Information for the Document Analysis Systems Workshop. Hardcopy packets of this information should follow by mail in a few weeks.

Please note the following deadlines:

Student Scholarship Applications: August 2
Hotel Registration: September 13
(made directly with hotel)
Workshop Registration: September 30
(payment by credit card accepted until September 15)

Postscript versions of all the forms and the information packet will be available via anonymous FTP in the directory pub/das and from the conference web site.

**** IMPORTANT ****

The Lockheed Martin facility changed its domain name from vfl.paramax.com to paoli.atm.lmco.com.

The workshop web site is now accessible from <http://www.paoli.atm.lmco.com/pub/das>, the workshop e-mail address is das@paoli.atm.lmco.com and the anonymous ftp site is <ftp.paoli.atm.lmco.com>.

If we can be of anymore assistance, let us know.
We look forward to your participation.

Suzanne Liebowitz Taylor
Jonathon J. Hull
Millie Miele, Workshop Manager

International Association for Pattern Recognition Workshop on

DOCUMENT ANALYSIS SYSTEMS

Malvern, Pennsylvania, USA, October 14 - 16, 1996

SPONSORED BY:

Lockheed Martin Tactical Defense Systems
Lucent Technologies
Panasonic Technologies
Ricoh California Research Center
U. S. Department of Defense

WORKSHOP MANAGER

DAS 96 c/o Millie Miele
Lockheed Martin Tactical Defense Systems
70 East Swedesford Road
Paoli, PA 19301-0517 USA
Phone: +1-610-648-2529
Fax: +1-610-648-2288
Email: das@paoli.atm.lmco.com
<http://www.paoli.atm.lmco.com/pub/das>

CHAIRS:

Jonathan J. Hull, Ricoh California Research Center
Suzanne Liebowitz Taylor, Lockheed Martin Tactical Defense Systems

GENERAL INFORMATION

Welcome to the 2nd International Workshop on Document Analysis Systems (DAS96). The Workshop will be held October 14-16, 1996 in Malvern, Pennsylvania. DAS96 will provide a forum for an exciting range of

technical papers, special working groups, invited speakers and system demonstrations.

We look forward to your participation. Lockheed Martin Tactical Systems Division is pleased to host DAS96 and welcomes you to the Brandywine Valley Region of Pennsylvania. We encourage you to extend your visit and enjoy many of the historic and cultural sites near the conference location.

ACCOMMODATIONS

The workshop will be held at the

Desmond Great Valley Hotel and Conference Center
One Liberty Boulevard
Malvern, PA 19335 USA
Phone: +1-800-575-2776 or
+1-610-296-9800
Fax: +1-610-296-9869

A block of rooms at the Desmond has been reserved for the workshop under the name DAS96. To obtain the special DAS96 room rates, reservations must be made directly with the hotel by September 13, 1996. The hotel registration form is included with this packet and is available via anonymous ftp at ftp.paoli.atm.lmco.com in pub/das/hotel.ps.

Recreational facilities include an indoor pool, exercise room, tennis courts, walking/jogging trail and an outdoor volleyball court. The hotel also has an agreement with the Great Valley Health Club (within walking distance) for its guests to use their facilities for a nominal fee. The Desmond hotel is accessible by airport shuttle and is a few miles from a SEPTA local train station (which connects with AMTRAK national train service). The hotel shuttle will pickup guests at the local train station. See Travel Information for details.

The complimentary shuttle transportation is also available for area shopping, dining and leisure facilities within a 7 mile radius for all guests. The hotel houses three restaurants.

TRAVEL INFORMATION

[deleted - see my archives or DAS WWW site]

SYSTEM DEMONSTRATIONS

Please complete the demonstration form included with this packet. The demonstration form is also available via anonymous ftp from ftp.paoli.atm.lmco.com in /pub/das/demo.ps.

SCHOLARSHIPS

Student scholarships are available. An application is included and must be returned by August 2 to Suzanne Taylor. Applications are also available via anonymous ftp at ftp.paoli.atm.lmco.com in pub/das/student.ps.

REGISTRATION

Registration is open to all authors and co- authors of accepted papers and abstracts. The registration deadline is September 30. The conference fee is \$400, payable by a check to Lockheed Martin in U.S. dollars. Mastercard and Visa credit card payments may only be used before September 15. The registration fee includes full participation, a copy of the workshop proceedings, refreshments during breaks, all lunches, the welcome reception and the workshop dinner.

The registration form is also available via anonymous ftp at ftp.paoli.atm.lmco.com in pub/das/regist.ps.

AWARDS

The program committee will announce an award for the best paper.

DAS96 PRELIMINARY CONFERENCE PROGRAM

Sunday, October 13, 1996
17:00-20:00 Registration
19:00-22:00 Welcome Reception

Monday, October 14, 1996
7:30-8:30 Registration & Continental Breakfast
8:30-8:45 Opening and Welcome
8:45-17:30 Conference Sessions
Evening Free

Tuesday, October 15, 1996
7:30 Continental Breakfast
8:00-8:30 Registration
8:30-18:00 Conference Sessions
Evening Banquet

Wednesday, October 16, 1996
7:30 Continental Breakfast
8:00-8:30 Registration

8:30-17:30 Conference Sessions
17:30 Conference adjourns

INVITED SPEAKERS

Professor Shunji Mori, The University of Aizu, Japan. Issues in Document Analysis with Historical Remarks.

Mr. Udo Miletzki, AEG-Electrocom, Konstanz, Germany. Documents on the Move: DA&IR-Driven Mailpiece Processing Today and Tomorrow.

WORKSHOP REGISTRATION FORM

HOTEL RESERVATION FORM

STUDENT SCHOLARSHIP APPLICATION

SYSTEM DEMONSTRATION

See my archives or the DAS WWW site for these forms.

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>From: Jacques Andre <Jacques.Andre@irisa.fr>
>Subject: Conference

EP96

FIVE DAYS OF ELECTRONIC PUBLISHING AND DOCUMENT PROCESSING

Palo Alto, California, USA -- September 22-26, 1996

EP96
Conference on electronic publishing and document manipulation

PODP96
Principles of document processing

PODP96 and EP96 comprise a five-day technical gathering focused on recent progress in electronic documents. PODP96, principles of document processing, is a workshop devoted to examining the confluence of document processing and computer science. EP96 continues the tradition of a general conference devoted to electronic documents. Tutorials are offered and may be attended by any participant.

PODP96

Workshop on the principles of document processing
Monday, September 23

PODP96 will be the third in a series of international workshops organized to promote the modeling of document processing systems using theories and tools from computer science, mathematics, etc. Areas of document processing presented in the first workshop in Washington, DC were document formatting, document conversion, document representation, document recognition, document retrieval, and hypertext, among others. The second workshop in Darmstadt, Germany concentrated on document databases. For more information please contact Prof. Charles Nicholas (nicholas@cs.umbc.edu).

EP96

Electronic publishing and document manipulation
Tuesday, September 24 - Thursday, September 26

This conference will be the sixth in a series of international conferences organized to promote the exchange of novel ideas in the area of computer document manipulation. The first two conferences in the series, EP86 held in Nottingham, England, and EP88 in Nice, France, concentrated mainly on the specific aspects of electronic document production, from composition to printing. EP90, which took place in Washington, DC, adopted a broader definition of the term Computer Assisted Publication, and accordingly, extended its range of topics to include hypertext and hypermedia systems, document recognition and analysis, and application of database techniques to document handling. EP92, held in Lausanne, Switzerland, confirmed the trend for documents to affect more and more areas in computer science. EP94, held in Darmstadt, Germany, focused explicitly on document representation, transformation, management and interpretation. EP94; EP96 follows this trend.

FIVE-DAY OVERVIEW

Sunday 22: pm 3:00-6:00 Pre-Conference Registration (at Dinah's Garden Hotel)
Monday 23: am 8:30-12:30 EP96 Tutorials 1 and 2/PODP96
pm 2:00-6:00 EP96 Tutorials 1 and 3/PODP96
Tuesday 24: am 9:00-10:00 Invited Talk
10:00-10:30 Coffee Break
10:30-12:00 Session A: Structured Documents I
pm 12:00-2:00 Lunch Break
2:00-3:00 Session B: Multimedia and Typecases
3:00-3:30 Coffee Break
3:30-5:00 Session C: Presentation and Representation
6:00-8:00 Reception

Wednesday 25: am 9:00-10:00 Invited Talk
10:00-10:30 Coffee Break
10:30-12:00 Session D: Structured Documents II
pm 12:00-2:00 Lunch Break
2:00-3:00 Session E: Document Analysis and Compression
3:00-3:30 Coffee Break
3:30-6:00 Exhibitions
6:30-10:00 Banquet
Thursday 26 am 9:00-10:00 Invited Talk
10:00-10:30 Coffee Break
10:30-12:00 Session F: Interfaces

TUTORIALS

Tutorial 1: Information Modeling Approaches to Meet New Publishing Demands
(2 parts) -- Lorraine Stanford

Tutorial 2: Colour document display and reproduction -- Roger Hersch,
Victor Ostromoukov, and Tim Kohler.

Tutorial 3: CURRENT STATUS OF DOCUMENT IMAGE ANALYSIS -- George Nagy

General Information

Proceedings of the EP96 conference will be published by Wiley as a special issue of the journal EP-ODD and will be available in preprint form at the conference and in final form subsequently. The PODP96 workshop proceedings will be given to each participant at the beginning of the workshop.

Location: The conference will be held principally on the campus of the Xerox Palo Alto Research Center (PARC) in Palo Alto, California. Palo Alto is south of the San Francisco International Airport and can be reached in approximately thirty minutes by automobile or any of several shuttle bus services available at the airport.

[For registration form, detailed program, etc. see my archives]

Here is a shortened version of the provisional programme for BMVC96:

>From: mtc@cee.hw.ac.uk (Manuel Trucco)

PROVISIONAL PROGRAMME

SEVENTH BRITISH MACHINE VISION CONFERENCE

9-12 September 1996
The University of Edinburgh

Up-to-date information:
<http://www.dai.ed.ac.uk/BMVC96/bmvc96.htm>

Or contact:
GENERAL CHAIR PROGRAMME CHAIR
Robert B Fisher Emanuele Trucco
University of Edinburgh Heriot-Watt University
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LOCAL ARRANGEMENTS INDUSTRIAL LINKS
Gillian M Hayes Paul Siebert
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*Monday 9 September -----

[14:00-17:30 Tutorial:]

Vision through Optimisation
N A Thacker, University of Sheffield
T F Cootes, University of Manchester

*Tuesday 10 September -----

[9:00- 9:10 Welcome]
R. B. Fisher, General Chair

[9:10-10:10 Invited Talk:]

Attention and figure-ground segmentation in active vision
Prof. Jan-Olof Eklundh
Department of Numerical Analysis and Computing Studies, Royal Institute of
Technology, Stockholm, Sweden

[10:10-10:50 Session 1:] Matching Surfaces

[11:20-12:40 Session 2:] Shape

[14:00-15:20 Session 3:] Features, Segmentation

[15:20-16:20 Tea] and Poster Session 1

[16:20-18:00 Session 4:] Model Fitting, Matching, Recognition

*Wednesday 11 September -----

[9:00-10:00 Invited talk:]

Computers Seeing Action
Prof Aaron F Bobick
MIT Media Lab, Cambridge, Mass, USA

[10:00-10:40 Session 5:] Motion-Based Reconstruction

[11:10-12:30 Session 6:] Deformable Models

[14:00-15:20 Session 7:] Tracking

[15:20-16:20 Tea] and Poster Session 2

[16:20-18:00 Session 8:] Motion and Active Vision

*Thursday 12 September -----

[9:00-10:40 Session 9:] Applications

[11:10-12:30 Session 10:] Faces

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Another event which is at the limits of our scope of interest, but
maybe not as much as one may think at first glance...
=====

>From: cdlh@lirmm.fr (cdlh)
>Subject: ICGI '96 : Program

THIRD INTERNATIONAL COLLOQUIUM ON GRAMMATICAL INFERENCE

- ICGI '96 -

LE CORUM, Montpellier, France

September 25-27, 1996

Sponsored by:
Universite de Montpellier 2
Region Languedoc-Roussillon
Ministere Francais des Affaires Etrangeres

With the support of the Special Interest Group in Natural Language Learning
(SIGNLL) of the ACL

For more information please check:

<http://www.lirmm.fr/~cdlh/icgi>

Online registration and hotel information is also at that site.

If you have any problems with the www, please contact us by e-mail at
icgi@lirmm.fr

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TOPICS

Grammatical Inference (GI) is broadly understood as Machine Learning of Grammars and Languages from data. Traditionally, GI has been studied within several contexts: Information Theory, Formal Languages Theory, Computational Linguistics, Machine Learning, Pattern Recognition, Computational Learning, Neural Networks, etc. ICGI '96 aims to provide a forum for discussion of principles, theory and applications of all those aspects of Automatic Learning that focus on Grammars and Languages. Within this framework, topics of interest include, but are not limited to the following:
Learning Paradigms for Grammars and languages: Cognitive models, Algebraic aspects, Identification in the limit and PAC-Learning, Stochastic and Corpus-based approaches, Neural networks, Genetic Algorithms, Fuzzy Systems etc.
Algorithms.
Heuristics.
Benchmarks.
Applications: Natural Language Processing, Language Translation, Biological Sequences and Time Series Modeling and Prediction, Image and Speech Recognition, Discrete events Systems, etc.

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PROVISIONAL PROGRAM [shortened - full version in my archives]

The conference will be held from Wednesday 25th of September (9 a.m.) till Friday 27th of September (noon) 1996.
Check-in will be possible at the CORUM, on Tuesday 24th of September, from 4 to 8 p.m.

oo

Wednesday, 25th of September

9 a.m.

Opening ceremony

Invited talk: T. Knuutila (Turku University, Finland)
Inductive inference of regular string and tree languages

11 a.m. Session Algebraic methods and algorithms 1

2.30 p.m. Session Natural Language and Pattern Recognition

4.30 p.m. Session Algebraic methods and algorithms 2

oo

Thursday, 26th of September

9 a.m.

Invited talk: D. Magerman (Reconnaissance Technologies Corp., USA)
Learning Grammatical Structure using Statistical Decision-Trees

10 a.m. Session Inference of stochastic models 1

2.30 p.m. Session Algebraic Methods and algorithms 3

4.30 p.m. Session Incremental methods & ILP

oo

Friday, 27th of September

9 a.m. Session Inference of stochastic models 2

11 a.m. Session Operational issues

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Fax (33) 67 41 85 00

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Among the CVL reports from Univ. Maryland, the following doctoral dissertation may be of interest to some of us:

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>From: Sandy German <sandy@cfar.umd.edu>
>Subject: available CVL reports update

Below are the directions for anonymous ftp access to our archive:

1. "ftp ftp.cfar.umd.edu"
2. login "anonymous"
3. password "your login" (e.g., sandy@cfar.umd.edu)
4. "cd CfAR/TRs/CVL-Reports-1995" (or CVL-Reports-1996)
(please match upper and lower case as indicated)

The contents of these directories are:

- a. "directory_contents" (an ascii file containing abstracts and other descriptive information---keywords, postscript file name, total number of pages when output in hardcopy, etc.---about each report available in the directory)
- b. "INDEX" (an ascii file containing the name of the postscript file and the title of the paper contained in that file)
- c. postscript files (some of these files can be quite large---even when compressed---as they include figures and/or images)

Note: occasionally the title page of a report must be formatted separately from the body of the report. When this happens the title page will be posted as a separate postscript file with "tpg" as part of the file name.

Advice: set "bin" (Apparently it is advisable to use binary transfer when downloading compressed files---which all of these files are)

These files can also be accessed via the World Wide Web at:

The URL is: "<http://www.cfar.umd.edu/cvl/>". Then you should scroll to the bottom of the page and link to "CVL Technical Reports". From there you should choose the folder for the appropriate year in which the report was dated.

%%%%%%%%%

file name(s): TR3567-Soffer.ps.gz
title: Retrieval by Content in Symbolic-Image Databases
author(s): Aya Chasia Soffer
date: December 1995
pages: 190
support: nsf/nasa
keywords: Symbolic images, retrieval by context, image database, spatial relational database, image retrieval, doctoral dissertation
abstract:

A class of images termed {\em symbolic images} is defined. These are images in which the set of objects that may appear in the image is known a priori. Furthermore, the geometric shapes of these objects are relatively primitive, and the information that they convey is mainly symbolic. The main components that are necessary for building a database system that manages and supports retrieval by content of such symbolic images are described. A system that utilizes the symbolic nature of such images to drive symbol recognition for input into an image database is presented. Two approaches to integrating the results of this input system into a spatial relational database (termed the {\em classification approach} and the {\em abstraction approach}) are suggested. Methods of storing and retrieving images using these two approaches are described. In particular, schema definitions and indices that support spatial, contextual and hybrid queries for each approach are presented. Image retrieval is demonstrated by several example queries specified textually and pictorially. Strategies for answering these queries efficiently, along with detailed execution plans, are given. Image similarity is also defined. Algorithms for retrieving images based on a pictorial specification using image similarity are described. Results of an experimental study that compares these approaches are presented. The two approaches are compared qualitatively and quantitatively.

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I received some info about this journal. See my archives for the complete info.
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>From: "Ryszard Choras" <choras@tower.atr.bydgoszcz.pl>

ISSN 1425-140X

IMAGE PROCESSING & COMMUNICATIONS
An International Journal

Published by the Institute of Telecommunications
Bydgoszcz , Poland

IMAGE PROCESSING & COMMUNICATIONS
An International Journal

Aims and Scope

IMAGE PROCESSING and COMMUNICATIONS publishes original research articles and serves as a forum for stimulating innovative research ideas, state - of - the art methods and tools in all aspects of image processing and communications. Theoretical, experimental and survey articles are all appropriate to the journal.

Specific areas of interest include:

- * Image processing : Coding, Analysis and Recognition
- * Image manipulation
- * Communication of Visual Data
- * Network architecture for real-time video transport
- * Video coding algorithms and technologies for ATM/packet network
- * Protocols for packet video
- * New visual services over ATM/packet network.

Papers are solicited in these topic areas.

Editor - in - Chief
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Well, that's it for this time. I hope that I will meet many of you in Vienna (or at SSPR in Leipzig, I will also be there) in August.

Your TC-10 chairman,

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