

Newsletter 38, March 1996

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Dear TC10 members and friends,

It's not so long ago since last mail, but I have again a number of announcements waiting to be sent out, some of them with deadlines very soon, so I think it's best to give you some information again.

First, some of you have asked me about the status of the coming book, result of the workshop held this Summer. I am happy to announce that it is now in Press, and should be out in May. Here is some info about it:

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Title: Graphics Recognition --- Methods and Applications
Editors: Rangachar Kasturi and Karl Tombre

Lecture Notes in Computer Science, vol. 1072, Springer Verlag, May 1996.

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SUMMARY AND RECOMMENDATIONS

R. Kasturi and K. Tombre

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Here is the (shortened) CFP for a conference which may interest many
document image analysis researchers:
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>From: Seong Whan Lee <swlee@human.korea.ac.kr>

ICCPOL'97 Call for Papers

1997 International Conference on
Computer Processing of Oriental Languages

Hong Kong, April 2-4, 1997

THEME OF CONFERENCE:

Oriental language processing on information super highways

CONFERENCE TOPICS:

This conference serves as an international forum for linguists,
computer scientists, information engineers and system users with
interests in computer processing and understanding of Oriental
languages. Papers are to be presented in either oral or poster
session and include the following subject categories:

- . Digital libraries
- . Document image analysis
- . Human computer interaction
- . Information retrieval
- . Input methodologies
- . Machine translation
- . Multimedia computing
- . Multi-lingual computing
- . Natural language processing
- . Novel font design and generation
- . Speech understanding and generation
- . World Wide Web, and other areas of linguistics

High quality papers presenting innovative ideas, design principles,
theoretical analysis, implementation techniques, programming concepts,
experimental results, and in-depth tutorials are solicited. The use of
prototypes and demonstration video for presentations is encouraged.

A published proceedings will be available at the conference. In addition,
selected papers will be considered for special issues of these journals:

- . Computer Processing of Oriental Languages
- . Pattern Recognition and Artificial Intelligence

CONFERENCE SITE:

Lam Woo International Conference Centre, Hong Kong Baptist University,
Kowloon Tong, Hong Kong

PAPER SUBMISSION:

You are invited to submit four copies of a full paper no longer than 20
double-spaced pages for oral session, or four copies of a two-page
double-spaced abstract for poster session. Papers for oral or poster
sessions should be submitted directly to the following address:

Prof. Seong-Whan Lee
Department of Computer Science and Engineering, Korea University
Anam-dong, Seongbuk-ku, Seoul 136-701, Korea
Tel: (+82)-2-920-2168
Fax: (+82)-2-926-2168
E-mail: swlee@human.korea.ac.kr
URL: <http://human.korea.ac.kr/swlee/swlee.htm>

IMPORTANT DATES:

August 31, 1996 Paper submission due
November 30, 1996 Notification of acceptance
January 31, 1997 Final camera ready manuscript due

OTHER INFORMATION

For more details, visit the WWW page, <http://www.korea.ac.kr/ICCPOL97/>
or contact

Mrs. Claudia M. Y. Chui
ICCPOL'97 Secretariat
c/o Department of Computing Studies
Hong Kong Baptist U., Hong Kong
Tel: (+852)2339-7079
Fax: (+852)2339-7892
Email: iccpol@comp.hkbu.edu.hk

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Here is the second CFP for the BMVC conference
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>From: mtc@cee.hw.ac.uk (Manuel Trucco)
>Subject: BMVC96 second call for papers

SECOND CALL FOR PAPERS

SEVENTH BRITISH MACHINE VISION CONFERENCE

9-12 September 1996

The University of Edinburgh

GENERAL CHAIR PROGRAMME CHAIR

Robert B Fisher Emanuele Trucco
University of Edinburgh Heriot-Watt University
rbf@aifh.ed.ac.uk mtc@cee.hw.ac.uk

LOCAL ARRANGEMENTS INDUSTRIAL LINKS

Gillian M Hayes Paul Siebert
University of Edinburgh The Turing Institute
gmh@aifh.ed.ac.uk P.Siebert@turing.gla.ac.uk

The British Machine Vision Conference is the main UK conference for machine vision and related topics. High quality contributed papers are sought describing recent and novel research in the areas of computer vision, image analysis and processing or pattern recognition. Papers describing research being undertaken throughout national or international collaborative projects are particularly welcome. The conference is a single-track meeting with both oral and poster presentations. In addition to the contributed papers, there will be talks by invited speakers and a pre-conference tutorial programme (free to registered students).

Invited speakers

Prof Jan-Olof Eklundh, KTH Stockholm
Attention and figure-ground segmentation in active vision

Prof Aaron Bobick, MIT Media Laboratory
Computers seeing action

One-day tutorial, 9 September

Vision through optimisation (provisional title)
Dr Tim Cootes (University of Manchester), Dr Neil Thacker (Sheffield University)

Submissions and format

Contributions are sought on any novel aspect relating to machine vision and pattern analysis, including:

- * image processing and feature extraction
- * object recognition and scene analysis
- * reconstruction of 3D shape
- * computational issues in perception

- * robotic vision and sensory fusion
- * advanced pattern analysis
- * practical applications
- * model-based coding
- * architectures
- * active vision
- * motion analysis
- * neural network

Four copies of full papers not exceeding 10 pages (approx. 5000 words if no figures), three of which anonymous, should be submitted for review. Please include two title pages, each containing title, authors' names (on one copy only) and an abstract. Papers will be reviewed by the elected BMVA Committee with a small number of specially coopted members. By submitting a paper to BMVC, the author(s) warrant that it, and any related paper with essentially the same technical content, has not been and will not be submitted to any other conference during the BMVC review period. Papers will be accepted either for oral presentation or for presentation as posters. A printed copy of the Proceedings will be available to delegates at the conference and a selection of the best papers will be published separately in a special issue of the Image and Vision Computing Journal. For full details and up-to-date information check the World Wide Web at http://www.aifh.ed.ac.uk/staff/personal_pages/rbf/BMVC96/bmvc96.htm. Guidelines for the format of papers can be found on the PEIPA at peipa.essex.ac.uk in [ipa/info/conferences/bmvc](http://peipa.essex.ac.uk/ipa/info/conferences/bmvc) (anonymous FTP) or <http://peipa.essex.ac.uk> (under BMVC96).

Important dates

 Deadline for paper submission 29 April 1996
 Notification of acceptance 10 June 1996
 Deadline for camera-ready copy 8 July 1996

Submit papers to:

 Mrs Judith Gordon, BMVC96 Secretary
 Department of Artificial Intelligence
 The University of Edinburgh
 5 Forrest Hill, Edinburgh EH1 2QL
 Tel: +44 131 650.3094
 Fax: +44 131 650.6899
 Email: BMVC96@aifh.ed.ac.uk

The British Machine Vision Association and Society for Pattern Recognition is a Company limited by guarantee, No.2543446, registered in England and Wales. Registered Office: Granta Lodge, 71 Graham Road, Malvern, Worcs. WR14 2JS. The Association is a non-profit-making body and is registered as charity No. 1002307.

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 This workshop may be considered by all the image processing people:
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>From: panos liatsis <panos@csc.umist.ac.uk>
 >Subject: CALL FOR PAPERS: 3rd International Workshop on Image and Signal Analysis

3RD INTERNATIONAL WORKSHOP ON IMAGE AND SIGNAL PROCESSING
 ADVANCES IN COMPUTATIONAL INTELLIGENCE
 NOVEMBER 4-7, 1996, MANCHESTER, UK

ORGANISER:UMIST

CO-SPONSORS:

IEEE SIGNAL PROCESSING SOCIETY
 IEEE UK&RI
 IEE
 INST MEAS CONTROL

CALL FOR PAPERS

The 3rd International Workshop on Image and Signal Processing, IWSIP-96 organised by the Control Systems Centre, UMIST in association with IEEE Region 8 and co-sponsored by the IEE, IMC and the IEEE Signal Processing Society, is an International Workshop on theoretical, experimental and applied signal and image processing. This is a specialized high quality research workshop, which intends to attract high quality research papers and bring together researchers working in the areas of signal/image processing from both sides of the Atlantic, as well as >from the countries of Central and Eastern Europe. The theme of the current workshop is on Advances in Computational Intelligence.

SCOPE:

General Techniques and Algorithms: Adaptive DSP algorithms, Digital Filter Implementations, Image Analysis, Image Enhancement and Restoration, Image Understanding.

Technologies: Neural Networks, Fuzzy Logic, Wavelets, Fractals.

Image Transmission: Encoding/Decoding, Compression, Transmission, ISDN, Internet, ATM, Modems, Radio, SATCOM and NAV.

Applications: Automotive, Medical, Robotics, Control, Video, TV,

Telepresence, Virtual Reality, Digital Production.

SUBMISSION PROCEDURES:

Prospective authors are invited to propose papers in any of the technical areas listed above, indicating whether they are intended for oral/poster presentation. To submit a proposal, prepare a 2-3 page summary of the paper including figures and references. Send five copies of the paper summary and a cover sheet stating the (1) paper title, (2) technical area(s), (3) contact author's name, (4) address, (5) telephone and fax number and (6) email address to:

Professor Basil G. Mertzios,
IWSIP-96, Dept. of Electrical and Computer Engineering,
Democritus University of Thrace,
GR-67100 Xanthi, Greece
e-mail: mertzios@demokritos.cc.duth.gr
FAX:+30-541-26947, Tel:+30-541-79511, 79512 (Secr.) 79559 (Lab)

Each selected paper (four-page limit) will be published in the Proceedings of IWSIP-96, by an International Publisher.

SCHEDULE:

Extended summaries/abstracts: 30th April 1996
Notification of acceptance/rejection: 31st May 1996
Final Draft: 15th July 1996

CONFERENCE SITE:

IWSIP-96 will be held at The Manchester Conference Centre, Manchester,

GENERAL CHAIR
Peter Wellstead
Control Systems Centre
UMIST, UK

PROGRAM CHAIR
Basil Mertzios
Democritus University of Thrace
Department of Electr./Comp.Eng.
67100 Xanthi, Greece

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I know that data fusion may be a topic which is not in the scope of interest for many of you. I'm probably too focused on this because of my own biases. Nevertheless, some of you may still find interest in this CFP:
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>From: keith@ewd.dsto.defence.gov.au. (Keith Mason)
>Subject: DATA FUSION

CALL FOR PAPERS

FIRST AUSTRALIAN DATA FUSION SYMPOSIUM

ADFS-96

Adelaide, Australia,
November 21st-22nd, 1996.

More information: <http://www.cssip.edu.au/Conferences/ADFS96>
Extended Abstracts due by April 15th, 1996.

The First Australian Data Fusion Symposium seeks to provide a focus for data fusion research in Australia and to be an international forum bringing together researchers from the world data fusion community.

The Symposium is scheduled to immediately follow the Australian and New Zealand Intelligent Information Systems Conference (ANZIIS-96), which is being held in Adelaide, on November 18-20.

The ADFS-96 Program Committee is now soliciting extended abstracts of papers on topics including, but not limited to:

1 DATA FUSION THEORY 3 METHODS AND APPROACHES

- a Theoretical tools a Sensor, information and
- b Models knowledge fusion
- c Knowledge structures b Novel Approaches
- d Inference and decision making c Estimation and identification
- e Representation of uncertainty d Probability
- f Similarity Measures f Artificial intelligence
- g Fusion architectures

2 FUSION TECHNIQUES 4 APPLICATIONS

- a Calibration, registration a Military
- and alignment b Surveillance
- b Correlation and association c Remote sensing
- c Tracking d Condition monitoring and
- d Combination techniques fault detection

e Situation Assessment e Robotics
f Threat assessment f Financial
g Sensor management g Meteorology
h Database management h Law enforcement
i Image fusion i Mine detection
j Medical
k Guidance and control
5 HUMAN COMPUTER INTERACTION

a Visualisation
b Dialogue
c Ergonomics
d Operator interaction
e Text handling

All submissions will be reviewed by the Technical Program Committee on the basis of technical quality, relevance to ADFS-96, novelty, significance and clarity.

IMPORTANT DATES

Extended abstracts must be received by April 15, 1996.
Mailing of notification of acceptance by June 14, 1996.
Camera ready papers to be received by September 30, 1996.
Presentation at Symposium: November 21-22, 1996.

SUBMISSION DETAILS

Prospective authors are invited to propose papers in any of the technical areas listed above. To submit a proposal, prepare an extended abstract of up to 4 pages including figures and references. Send five copies of the extended abstract with a cover sheet attached to each stating (i) paper title, (ii) its technical area and code (see above, eg Models, 1b), (iii) the author's name, postal address, telephone number, fax number and e-mail address to:

ADFS-96 Secretariat,
Plevin & Associates,
PO Box 54,
Burnside, SA 5066,
AUSTRALIA.
Fax: (+61) (08) 379 8177

FURTHER INFORMATION

Information about ADFS-96 may be obtained through the World Wide Web at:
<http://www.cssip.edu.au/Conferences/ADFS96>
or by contacting:

ADFS-96 Secretariat,
Plevin & Associates,
PO Box 54,
Burnside, SA 5066,
AUSTRALIA.
Fax: (+61) (08) 379 8177
E-mail: plevin@camtech.net.au

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This CFP is for a special session of the ICONIP'96 conference:
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>From: Irwin King <king@cs.cuhk.hk>
>Subject: CFP - Special Sessions on Neural Networks in Multimedia

CALL FOR PAPERS

Special Session On

NEURAL NETWORKS IN MULTIMEDIA APPLICATIONS

September 24-27, 1996
International Conference on Neural Information Processing (ICONIP'96)
Hong Kong Convention and Exhibition Center, Wan Chai, Hong Kong
<http://www.cs.cuhk.hk/iconip96>

The main objectives of this special session are:

- * To provide a forum for presenting and discussing the application of neural networks in multimedia systems, e.g., image databases.
- * To promote collaboration between researchers internationally.

Neural Networks (NN) in Multimedia Applications

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We invite papers dealing with the application of neural networks in already implemented multimedia systems. In particular, we are interested in proven neural network techniques used for virtual reality applications and multimedia databases.

Some possible topics

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NN in Image Processing NN for Feature Extraction
NN for Data Compression NN for Content-Based Retrieval

NN for Feature Indexing NN for Image Synthesis
Specialized image databases: face image, finger prints, etc.

Please submit a short abstract (1 page) via email to king@cs.cuhk.edu.hk as soon as possible. If accepted, the full paper will be required by April 12, 1996.

Please send inquiries to:

Neural Networks in Multimedia
=====
Irwin King
Dept. of Comp. Sci. & Eng.
The Chinese University of Hong Kong
Shatin, N.T.
Hong Kong
king@cs.cuhk.edu.hk
Fax: (852) 2603-5024

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And this is another conference on multimedia:
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>From: vellaika@sipi.usc.edu (Asha Vellaikal)
>Subject: CFP - Multimedia Storage and Archiving Systems

===== CALL FOR PAPERS =====

Multimedia Storage and Archiving Systems

November 18-22, 1996

Boston, MA

Conference Chair: C.-C. Jay Kuo (Univ. of Southern California)

Advances in technology have resulted in huge archives of sounds, images and videos in diverse application areas such as medicine, remote sensing, industry, engineering, entertainment, education and on-line information services. To exploit the value of the collection, there is a need to effectively organize multimedia data for storage and retrieval. This conference will address various aspects of an multimedia archiving system such as "specialized" compression schemes for storage, browsing and semantic searching, content-based retrieval, structured video, video on demand, data modeling and representation, system design issues, practical database systems and applications.

Papers are solicited in all areas of multimedia data storage and archival systems including, but not limited to:

- audio, image or video databases
- multimedia content characterization techniques
- feature-based retrieval methods for multimedia data
- semantic retrieval of multimedia data
- lossless and near-lossless compression for archiving
- compression schemes supporting content-based retrieval
- compressed domain processing for characterizing content
- performance evaluation measures
- neural network, fuzzy and information theoretic approaches toward multimedia indexing
- system architectures
- storage design and management for image and video archiving
- data transfer models for platform-independent internet access
- user interfaces
- actual experimental prototypes embodying the state of the art in multimedia information systems
- long-term preservation methodology and quality assurance management
- applications: digital libraries, video on demand, telemedicine, remote sensing, GIS, education, entertainment, interactive TV, CAD etc.

This conference forms part of the SPIE Symposium on Voice, Video and Data Communications and will be co-located with ACM Multimedia'96.

* IMPORTANT DATES : *
* Abstract Due Date : April 8, 1996 *
* On-Site Manuscript Due Date : August 26, 1996 *

IMPORTANT : The proceedings will be available on-site during the conference and hence the manuscript due date should be strictly observed.

Your abstract must include the following:

1.SUBMIT TO: [Name of Symposium] Submit each abstract to one conference only.

-
- (Conference Title) (Conference Chair)
 - 2.ABSTRACT TITLE
 - 3.AUTHOR LISTING (principal author first)
First (given) name, Last (family) name, and affiliations. Mailing address, telephone, fax, and e-mail address.
 - 4.PRESENTATION
Indicate your preference for "Oral Presentation" or "Poster"

Presentation." Placement is subject to chairs' discretion.

5.ABSTRACT TEXT

Approximately 250 words.

6.KEY WORDS

List a maximum of five key words.

7.BRIEF BIOGRAPHY (of principal author)

Approximately 50 words.

To be considered for acceptance, please choose ONLY ONE of the following options and send by the due date :

1. SPIE WEB - Complete the convenient form found at SPIE Web Site :
<http://www.spie.org/web/meetings/calls/submissions.html>

2. or E-MAIL each abstract separately to abstracts@spie.org in ASCII text(not encoded) format. To ensure receipt and proper processing of your abstract, write on SUBJECT line: PE and Conference Chair.

Example: SUBJECT: SD96 (John Smith)

3. or MAIL three copies of your abstract to:

Photonics East

SPIE, P.O. Box 10, Bellingham, WA 98227-0010 USA

Shipping address: 1000 20th St., Bellingham WA 98225 USA

Telephone: 360/676-3290

4. or FAX one copy to SPIE at 360/647-1445 (send each abstract separately).

PUBLISHING POLICY:

Manuscript due dates must be strictly observed. Whether the Proceedings volume will be published before or after the meeting, late manuscripts run the risk of not being published. The objective of this policy is to better serve the conference participants and the technical community at large. Your cooperation in supporting this objective is appreciated by all.

MORE INFORMATION:

For more information on Photonics East 96, check SPIE Web site at

http://www.spie.org/web/meetings/calls/pe96_call.html

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The ACM Student Magazine has a special issue on AI. They sent out a call for articles for this issue:
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>From: Frank Klassner <Klassner@Freya.cs.umass.edu>

>Subject: CFA: Crossroads AI Issue

CALL FOR ARTICLES

Crossroads, the ACM Student Magazine

Artificial Intelligence Issue (September 1996)

DUE DATE: May 6, 1996

SUBMISSION ADDRESS: xrds-submit@acm.org

INFORMATION: <http://www.acm.org/crossroads/crossroads@acm.org>

The field of Artificial Intelligence (AI) is a challenging area of study in computer science that perennially fascinates students not just with its current state but with its future potential as well. Crossroads, the ACM's international student magazine, will explore several areas within the field in its September 1996 issue. The Crossroads editorial staff invites authors to submit AI survey articles for this issue. Accepted articles will be published both in hardcopy and in electronic form on Crossroads' WWW site.

We encourage authors to submit survey articles dealing with topics drawn from three broad areas within AI: 1) perception and robotics, 2) intelligent interfaces, and 3) reasoning. The following partial list of topics included within each area is provided to give prospective authors a general picture of each area. It is by no means exhaustive; other relevant topics will be considered.

1) PERCEPTION & ROBOTICS

machine vision, speech recognition, robot design, auditory scene analysis, robot control, etc.

2) INTELLIGENT INTERFACES

information retrieval, natural language processing, intelligent tutoring systems, intelligent WWW search engines, etc.

3) REASONING

planning, search, machine learning, logic, theorem proving, intelligent games, knowledge representation, neural nets, etc.

Submissions may range in length from 1500 to 6000 words. Articles should be written for a general audience of undergraduate and graduate students interested in computers, and should present at least two of the following:

- 1) basic description of the kinds of problems being worked on in the AI topic
- 2) the state of the art of research in this AI area

- 3) the state of the art of commercial applications in the AI topic
- 4) open problems or future research/commercial development trends in the AI topic

Interviews with AI researchers; reviews of AI-related books, software, videos, or conferences; and opinion columns on AI-related issues are also welcome.

We especially encourage students to submit articles. However, articles written or coauthored by professionals will also be considered.

SUBMISSIONS

The submission deadline is Monday, May 6th. Submissions should be sent via electronic mail to xrds-submit@acm.uiuc.edu. Do not send submissions as MIME attachments. Drafts can be in HTML, ASCII, or LaTeX, but HTML is preferred since it will be required for the final drafts. Articles must not use any HTML extensions. The subject header should indicate the submission's general AI area. Please see <http://www.acm.org/crossroads/doc/information/writing.html> for more information on submission formats.

Prospective authors are invited to send email to the guest editor Frank Klassner (klassner@cs.umass.edu) indicating their intention to submit an article. In this way we can keep everyone informed of any changes in deadlines or formats. Questions about possible article topics can also be sent to the guest editor.

NOTIFICATION

Accepted authors will be notified within about 3 weeks of the submission deadline, and will have 2-3 weeks for revisions. Final drafts will be due in early July.

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Here is the program and registration info for the coming SDAIR'96
symposium:

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>From: Debra Wallace <wallace@mighty-joe.ISRI.UNLV.EDU>
>Subject: SDAIR'96

Fifth Annual Symposium
on Document Analysis
and Information Retrieval

April 15 - 17, 1996

Alexis Park Resort
Las Vegas, Nevada

Sponsored by the

Information Science Research Institute
and
The Howard R. Hughes College of Engineering

University of Nevada, Las Vegas

Symposium Chair
Henry S. Baird, Bell Labs, Lucent Technologies

Invited Speakers
Information Retrieval - From Academic Research to Practical
Applications
Hans-Peter Frei; Union Bank of Switzerland
Substituting Images for Books: Library Economics, Technology,
and Politics
Michael Lesk; Bellcore
Text Recognition - From Pixels to Meaning
Juergen Schuermann; Daimler Benz Research Center

Team Debate
"Defect Models are Important to Advance the State-of-the-Art
of Optical Character Recognition"

Affirmative Team:
Henry S. Baird; Bell Labs, Lucent Technologies
Robert Haralick; University of Washington
Negative Team:
Daniel Lopresti; Panasonic Technologies, Inc.
George Nagy; Rensselaer Polytechnic Institute

Papers Presented
Maximum Spanning Trees for Text Segmentation
Antonio P. Dias; Harvard University
In-house Mail Distribution by Automatic Address and Content
Interpretation
Thomas Bruckner, Peter Suda, Hans Ulrich Block, Gerd
Maderlechner; Siemens AG, Corporate Research and Development
USeg: A Retargetable Word Segmentation Procedure for Information
Retrieval
Jay M. Ponte, W. Bruce Croft; University of Massachusetts
Text Categorization: A Symbolic Approach

Isabelle Moulinier, *Gailius Raskinis, Jean-Gabriel Ganascia;
University of Paris, *Vtautas Magnus University
Support Tools for Visual Information Management
Gokhan Kutlu, Bruce A. Draper, Eliot B. Moss, Edward M.
Riseman; University of Massachusetts
Edit Distance of Regular Languages
Horst Bunke; University of Bern
Language Identification: Examining the Issues
Penelope Sibun, *Jeffrey C. Reynar;
Northwestern University, *University of Pennsylvania
Fast Decision Tree Ensembles for Optical Character Recognition
Harris Drucker; AT&T Bell Laboratories
Length Normalization in Degraded Text Collections
Amit Singhal, Gerard Salton, Chris Buckley; Cornell University
Extraction of Thematically Relevant Text from Images
Francine R. Chen, Dan S. Bloomberg; Xerox PARC
Measuring the Effects of Data Corruption on Information Retrieval
Elke Mittendorf, Peter Schauble;
Swiss Federal Institute of Technology (ETH)
Keyword-Based Browsing and Analysis of Large Document Sets
Ido Dagan, Ronen Feldman, *Haym Hirsh;
Bar-Ilan University, *Rutgers University
Tailoring a Retrieval System for Naive Users
Adrienne J. Kleiboemer, Manette B. Lazear, *Jan O. Pedersen;
MITRE Corporation, *Xerox Palo Alto Research Center
Improving Full-Text Precision on Short Queries using Simple Constraints
Marti A. Hearst; Xerox Palo Alto Research Center
Degraded Character Image Restoration
John D. Hobby, Henry S. Baird; Bell Labs, Lucent Technologies
Automatically-Generated High-Reliability Features for Dichotomies
of Printed Characters
George Nagy, Xiaoyin Wang; Rensselaer Polytechnic Institute
Retrieval Strategies for Noisy Text
Daniel Lopresti, Jiangying Zhou; Panasonic Technologies, Inc.
A General-Purpose Japanese Optical Character Recognition System
Sargur N. Srihari, Geetha Srikantan, Tao Hong, Brian Grom;
State University of New York at Buffalo, Center of Excellence
for Document Analysis and Recognition
OCR and Voting Shell Fulfilling Specific Text Analysis Requirements
Thorsten Jager;
German Research Center for Artificial Intelligence (DFKI)
Logotype Detection in Compressed Images using Alignment Signatures
A. Lawrence Spitz; Daimler Benz Research and Technology Center
Reliable Recognition of Handwritten Marks in Checkboxes
B. Latanzio, A. Garzotto;
Swiss Life Information Systems Research
Generalized Form Registration Using Structure-Based Techniques
Michael D. Garris, Patrick J. Grother;
National Institute of Standards and Technology

Registration

Pre-Registration: before March 15, 1996

On-site Registration: Sunday, April 14, 7:00pm to 10:00pm

Monday, April 15, 7:00am to 11:00am

Tuesday, April 16, 7:30am to 11:00am

Location: Alexis Park Resort

Cost: \$425.00 before March 15, 1996

\$500.00 after March 15, 1996

Hotel Accommodations

Alexis Park Resort, located near the center of the Las Vegas strip, is the host hotel for the 1996 Symposium. If you choose to stay at the Alexis Park Resort, please make hotel reservations no later than March 14 to ensure room availability. A reservation form is included in this advance program for your convenience.

Due to convention season in Las Vegas, ROOMS WILL FILL UP QUICKLY AT ALL HOTELS. Please make hotel reservations as soon as possible. Should you choose to stay at a hotel other than the host hotel, the Las Vegas Convention and Visitors Authority can give hotel information and make all hotel room reservations throughout the city of Las Vegas. For more information please call the Las Vegas Convention and Visitors Authority 1-800-332-5333.

Alexis Park Resort
Hotel Registration Form
P.O. Box 95698
Las Vegas, NV 89193-5698

Rooms reserved under the name: SDAIR '96
Mail your reservation directly to Alexis Park Resort or call

Room Reservations: (800)582-2228

Fax: (702)796-4334

Reservations received after March 14, 1996 will be accepted on a space available basis only.

Please reserve accommodations for:

Name:
Home Address:
City: State/Country: Zip :
Company Name:

Business Address:
City: State/Country: Zip:
Business Phone:

SINGLE OCCUPANCY - \$100.00 (+8% tax) TRIPLE OCCUPANCY - \$115.00 (+8% tax)
DOUBLE OCCUPANCY - \$100.00 (+8% tax) QUAD OCCUPANCY - \$130.00 (+8% tax)

Will Arrive: Time:
Will Depart: Time:

Enclosed is my deposit payable by (check one):
Check _____ Mastercard _____ JCB _____ Visa _____
Am Express _____ Carte Blanche _____ Discover _____ Diners Club _____

Credit Card Number:
Expiration Date:
Print name as it appears on card:

Fifth Annual Symposium on
Document Analysis and Information Retrieval
INFORMATION SCIENCE RESEARCH INSTITUTE
University of Nevada, Las Vegas
April 15-17, 1996

Conference Registration Form

Name:
Title:
Company:
Address:
City:
State/Country: Zip:
Telephone: Fax:
E-mail Address:

Registration Fees Pre-Reg Regular Amount
before 3/15/96 after 3/15/96

Conference Registration \$425.00 \$500.00 \$ _____
(Includes lunch 4/15/96 and 4/16/96)
Monday Dinner (per person) \$ 20.00 \$ _____

Conference Proceedings (Extra Proceedings) \$ 50.00 \$ _____
(One Proceedings is included as part of the
registration fee)
1995 CD-ROM \$100.00 \$ _____
(1995 Conference Proceedings and Annual Report)
1992, 1993 and 1994 CD-ROM \$100.00 \$ _____
(1992, 1993 and 1994 Conference Proceedings
and 1993 and 1994 Annual Report)
TOTAL AMOUNT DUE: \$ _____

Enclosed is my payment payable by (check one): Check/Money Order _____
Mastercard _____ VISA _____ Discover _____ American Express _____

Make checks/money orders payable to: UNLV Board of Regents.
All checks must be in U.S. Dollars and drawn on a U.S. Bank.

For payment by credit card please fill out the following information:

Credit Card Number: Expiration Date:
Please Print Name (as it appears on card):
I authorize ISRI/UNLV to debit my account for the TOTAL AMOUNT DUE:

signature: _____

Mail, fax, or email completed conference registration form and payment to:

Symposium Manager
Information Science Research Institute Telephone (702)895-4571
University of Nevada, Las Vegas Fax (702)895-1183
4505 Maryland Parkway, Box 454021 Email sdair@isri.unlv.edu
Las Vegas, NV 89154-4021

For a complete advance program:
ftp site: <ftp://ftp.isri.unlv.edu>, directory: [pub/SDAIR96/AdvanceProgram.txt](ftp://pub/SDAIR96/AdvanceProgram.txt)
or send email to sdair@isri.unlv.edu

=====
I also received some information from the ICIP series of conferences:
=====

>From: Maureen Quirk <icip95@ccr-p.ida.org>
>Subject: Intl_Conf_on_Image_Processing_1995

IEEE SIGNAL PROCESSING SOCIETY / / |
/ |ICIP / |
1995 INTERNATIONAL CONFERENCE ON IMAGE PROCESSING / | / |
October 23-26, 1995 | | / |
Hyatt Regency Crystal City | / | / |
Washington, D.C., USA | / 95 | / |
/ | /

Mail or Fax your order to:
Conference Management Services Phone: (409) 690 - 7436
Billene Mercer FAX: (409) 690 - 7342
5590 Timberwood Drive Email: mercerc@conf-mgmt.com
College Station, Texas, USA 77845-8155

Please provide the contact information below in case there are questions:
Telephone number: _____ Fax number : _____
E-mail address: _____

-----< cut here >-----

2. Future ICIPs

IEEE SIGNAL PROCESSING SOCIETY /| /|
/ |ICIP / |
1996 INTERNATIONAL CONFERENCE ON IMAGE PROCESSING / _|____ / |
| |____| |
September 16-19, 1996 | / | /
Swiss Federal Institute of Technology | / 96 | /
Lausanne, Switzerland | /____| /

INFORMATION CONTACT: Professor Alain Chéhikian
Address: Laboratoire TIRF
Institut National Polytechnique de Grenoble
46 Avenue Felix Viallet
38031 Grenoble Cedex, France

Phone: +33 76 574544
Fax: +33 76 574790
Email: chek@turf.inpg.fr

IEEE SIGNAL PROCESSING SOCIETY /| /|
/ |ICIP / |
1997 INTERNATIONAL CONFERENCE ON IMAGE PROCESSING / _|____ / |
| |____| |
October 26-30, 1997 | / | /
Red Lion Resort | / 96 | /
Santa Barbara, California | /____| /

INFORMATION CONTACT: B. S. Manjunath
Address: Electrical & Computer Engineering
University of California
Santa Barbara, CA 93106-9560

Email: manj@ece.ucsb.edu

3. IMDSP Electronic Newsletter

The IMDSP Technical Committee of the Signal Processing Society of the IEEE sponsors the IMDSP Electronic Newsletter, published bimonthly.

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| |
| If you would like to subscribe (or unsubscribe) to the newsletter, |
| send E-mail with your request to Steve Eddins (eddings@mathworks.com). |
| |
=====

Here is the "policy and purpose" statement of the newsletter:

The purpose of this newsletter is to keep the multidimensional signal processing and image processing community informed of current events and publications in the areas. One of the major tasks of this newsletter is to list the Tables of Contents of the most important journals in our area. This will be of great benefit to those of us who don't subscribe to a long list of journals and don't go to the library as often as we should to look through the current issues of non-IEEE journals. Lists of titles and authors from sessions at conferences are also appropriate in this regard. The tables of contents are contributed by individuals. If you see a journal that is missing from the newsletter that you find useful, please consider contributing its contents to the newsletter.

A second function is timely communication of news events, news of new hardware or software, notes of popular magazine or newspaper articles of interest, news of people in the MDSP area (awards, moves), etc. Since the newsletter is composed almost totally of contributed items, it is up to the readership to provide desired information to the editor. The editor will use his judgement as to the proper length and appropriateness of contributions.

=====
Maybe some of you haven't yet seen the announcement of this mailing list, which can be interesting for people in our field:
=====

>From: c-young@unixg.ubc.ca (Clint Young)
>Subject: ANNOUNCEMENT: I M A G E A N A L Y S I S mailing list

~~~~~  
QUANTITATIVE IMAGE ANALYSIS LIST  
~~~~~

This mailing list was created recently, March 20, 1996.

I am NOT posting this message to other mailing lists; instead I am posting this message to your Usenet Newsgroups because the Q-IA list needs some technical experts such as yourself to join in discussions (if you do decide to participate and subscribe).

Sincerely,

Clint Young
Q-IA-list manager
c-young@unixg.ubc.ca

~~~~~  
PURPOSE

This mailing list was created to help scientists/researchers share their experience(s) in using Q-IA. This forum is cross platform and is intended for discussing practical and technical aspects of Q-IA, ranging from "How does a CCD camera differ from a photometer?" to "How do I quantitate the amount of antigen/signal?", from "What is relative and absolute quantitation?" to "What are the types of Q-IA methods currently being done? ie. shape analysis, stereography, 3D reconstruction, voxel analysis, etc...".

Mission statement:

"Offer a forum for a constructive exchange of ideas in order to better understand and perform Quantitative Image Analysis [Q-IA] in research and industry."

DIGEST FORMAT

The Q-IA-list is entirely in a DIGEST format; meaning that all postings in the day will be accumulated before being sent out the following morning. Those on the list will receive a SINGLE LARGE EMAIL message the NEXT day containing the PREVIOUS day's cumulated postings.

SECURITY

This list is "hidden", meaning that it is setup to prevent people from accessing the email addresses of the subscribers to this list.

THE Q-IA LIST MANAGER

The Q-IA-List is currently being maintained at the University of British Columbia, Vancouver, BC.

.....  
! Send Administrative Queries: !

!!

! TO : [c-young@unixg.ubc.ca](mailto:c-young@unixg.ubc.ca) !

!...SUBJECT : Q-IA-Owner: <topic>...!

Any administrative queries about this mailing list--such as subscribing, unsubscribing, change of address, etc--should be directed to: Clint Young ([c-young@unixg.ubc.ca](mailto:c-young@unixg.ubc.ca))

SUBSCRIBING

[ (un)subscribe via Email: TO : [majordomo@unixg.ubc.ca](mailto:majordomo@unixg.ubc.ca) ]

[ SUBJECT: <none required> ]

[ MSG : (un)subscribe Q-IA-list ]

~~~~~  
For your information, the inaugural 1st question posed was the following:

From: "Becky Bonner" <Becky.Bonner@CCLINK.NET.uokhsc.edu>
Date: Fri, 22 Mar 96 17:39:00 CST
Subject: ICCD's

Hi everyone, I had almost figured no one was interested in Quantitative Image Analysis and delighted that we have some users - enough apparently to justify a list. I have been doing quantitative fluorescence image analysis since 1983. We are putting together a new system and I should like some advice. We have been using SIT cameras for their sensitivity having tested CCD's several times in the past with unacceptable results. Yesterday I tested 3 cameras and am impressed. I am leaning toward Ham. 2400-87 ICCD which seemed to be about 20x more sensitive than our SIT with a very nice image to look at as well. I am still concerned that the dynamic range won't allow for the biological variance in a samples. The standard integrating CCD's took about 6 min to acquire a suitable image that was captured in three frame rates by this camera. Speed is of the essence in fluorescence - but we do need some dynamic range too. Any advice - and things I should be concerned about are appreciated. Thanks for your help.
Becky Bonner

~~~~~  
If you subscribe, you will (obviously) receive the Q-IA posting  
address; or you can answer Becky directly.

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Well, that's all for this time. As usual, some announcements were  
shortened, and 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

Your TC10 chairman,

---  
Karl Tombre - INRIA Lorraine & CRIN-CNRS --- Email: [Karl.Tombre@loria.fr](mailto:Karl.Tombre@loria.fr)  
Post: 615 rue du jardin botanique, BP 101, 54602 Villers CEDEX, France --or--  
Batiment LORIA, BP 239, 54506 Vandoeuvre CEDEX, France  
Phone: +33 83.59.20.71 --- Fax: +33 83.27.83.19 --or-- +33 83.41.30.79  
WWW URL: <http://www.loria.fr/~tombre>