Newsletter 37, March 1996

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Dear TC10 members,

Time again for some announcements.

As usual, we have several CFP and conference announcements. Some of these are reproduced in extenso, but others are only presented in a shortened version. I remind you that you can find complete archives of these announcements (and others) at the WWW addresses
http://www.loria.fr/~tombre/CFP/maillist.html for the CFPs
http://www.loria.fr/~tombre/Programs/maillist.html for the programs

Here is the CFP for a workshop on document processing:
****
>From: nicholas@cs.umbc.edu (Charles Nicholas)
>Subject: Call for Papers: Principles of Document Processing (PODP 96)

Call for Papers
PODP 96
Third International Workshop on
Principles of Document Processing
September 23, 1996
Palo Alto, California

PODP 96 is the third in a series of international workshops that provide forums to discuss the modeling of document processing systems using theories and techniques from, for example, computer science, mathematics, and psychology. PODP 96 will take place in conjunction with EP 96 at Xerox Corporation's conference center in Palo Alto, California. (PODP 96 is, however, a workshop and not a conference.) The workshop will be held on one day, Monday, September 23, 1996.

The charter of PODP is deliberately ambitious and its scope broad. The current state of electronic document processing can be characterized as a plethora of tools without a clear articulation of unifying principles and concepts underlying them. The practical and commercial impact of these tools --- formatters, composition systems, word processing systems, structured editors, document management systems --- is too pervasive and obvious to require further elaboration and emphasis. However, with the rapid development in hardware technology (processors, memory, and especially high bandwidth networks) the notion of a document and of document processing itself is undergoing a profound change. It is imperative that this change be fueled, not only by enabling technologies and tools, but also by precise, computational, and conceptual models of documents and document processing. To this end, we hope to bring to bear theories and techniques developed by researchers in other areas of science, mathematics, engineering and the humanities (such as databases, formal specification languages and methodologies, optimization, workflow analysis, and user interface design.)

PODP is organized to promote a happy marriage between documents and document processing, and theories and techniques. PODP provides an ideal opportunity for discussion and information exchange between researchers who are grappling with problems in ANY area of document processing.

We invite researchers to submit papers that attempt to find a good balance between theory and practice in document processing. Papers that address both on a somewhat equal basis are preferred. We recommend that papers not exceed ten pages in length.

One author of each accepted paper will be expected to present the paper at the workshop. Presentations will last about 25 minutes, plus questions. Draft proceedings will be distributed at the workshop, and may be publicly available afterward over the Internet. We are, however, searching for publishers so that some of the accepted papers will be further reviewed and published in a widely available journal or book subsequent to the workshop. Papers from PODP 92 and PODP 94 were published in special issues of the journal ``Mathematical and Computer Modelling'' (Pergamon Press), which is well-known and

respected in the operations research community, and in various circles of applied mathematics.

TOPICS

Major topics of interest include, but are not limited to:

Digital Libraries Document Conversion
Document Databases Document Editing
Document Formatting Document Recognition
Document Standards Document Transformation
Hypertext Information Retrieval
Multimedia Documents SGML, HTML, and the World Wide Web
Theories of Documents

PAPER SUBMISSION

You are invited to submit SIX copies of a detailed abstract or a complete paper by April 15, 1996 to either program co-chair:

Charles Nicholas
Department of Computer Science and Electrical Engineering
UMBC
Baltimore, MD 21228-5398 USA

Derick Wood
Department of Computer Science
HKUST
Clear Water Bay, Kowloon, HONG KONG.

Each submission should have a cover page, which indicates the name, affiliation, address, electronic mail address, and telephone number of the contact author. Submission by e-mail (to nicholas@cs.umbc.edu or to dwood@cs.ust.hk) is acceptable. In this case the paper should be in ASCII, LaTeX, or Postscript (in the latter case, it is crucial that there are line breaks).

IMPORTANT DATES

Paper Submission Deadline: April 15, 1996
Notification of Acceptance: May 28, 1996
Final Papers Due: June 30, 1996

PROGRAM COMMITTEE

The program committee consists of researchers who are active in the area of document processing, and researchers who are active in relevant areas of computer science, such as databases, and are interested in documents.

Howard Blair(USA)
Heather Brown(UK)
Anne Brueggemann-Klein(Germany)
Richard Furuta(USA)
Heikki Mannila(Finland)
Ethan Munson(USA)
Makoto Murata(Japan)
Charles Nicholas(USA) Co-Chair
James Sasaki(USA)
Derick Wood(Hong Kong) Co-Chair

LOCATION

Xerox Corporation's conference center in Palo Alto.

REGISTRATION

The registration procedure will be announced in the call for participants in March.

ON-LINE INFORMATION

Further information will be available over the Web at http://www.cs.umbc.edu/conferences/podp and at http://www.cs.ust.hk/~dwood/.podp96, and via the PODP mailing list. To subscribe to PODP, send the message "subscribe PODP" without quotes, in the body (not the subject line) of an email message to majordomo@cs.umbc.edu.

****
This workshop will certainly be of interest to several of us:
****

>From: dyer@cs.wisc.edu (Charles Dyer)
>Subject: CFP for Workshop on Applications of Computer Vision

CALL FOR PAPERS

WACV '96
Third IEEE Workshop on Applications of Computer Vision

December 2-4, 1996
Sarasota, Florida, USA

PROGRAM:
The goal of this workshop is to bring together an international forum of
industrial, academic, and government researchers to present and discuss the
application of computer vision techniques to various problem domains of
practical significance. The program will consist of panel discussions and
presentations of high-quality contributed papers. Topics will focus on
computer vision applications that include (but are not limited to)
the topics listed below:

medical image analysis manufacturing
visual database query and retrieval industrial inspection
video mosaicing surveillance
model-based visual communications security and law enforcement
space operations target recognition
cartography and GIS highway/vehicle systems
remote sensing human-computer interaction
document analysis and OCR robotics and 3D sensing

SUBMISSIONS:
Four copies of complete manuscripts should be received by May 31, 1996, for
review by the program committee. Emphasis should be on novel research aspects
and/or performance evaluation for a given task. Papers (in English) should be
submitted in FINAL CAMERA-READY FORMAT with 2 columns on standard
(8.5"x11" or A4) pages. Columns should be separated by 5/16" spacing, and
should be 3.25" in width and 9" in length. Text should be 10-point type, Times
Roman font (or similar). A maximum of 6 pages are permitted for each
submission, including references and illustrations. The title,
names of authors, affiliations, and e-mail addresses should appear
centered near the top of the first
page. In addition to the manuscript, each submission should contain a summary
page that answers the following questions separately:

1) What is the application area of the work reported in this paper?
2) How far has this work progressed to date?
3) What is the primary significance of this work?
4) How is this paper related to previously published work?

Submissions should be sent to the following address:
Dr. Raj Talluri
Texas Instruments
Corporate Research & Development
P.O. Box 655474, M/S 238
Dallas, TX 75265 USA

A published proceedings will be available at the workshop.
In addition, selected workshop papers will be considered for
special issues of these journals:
Image and Vision Computing Journal
and
Machine Vision & Applications.

For the latest information, visit the Web page
http://www.ee.vt.edu/wacv96

IMPORTANT DATES:
May 31, 1996 Paper submission deadline
July 31, 1996 Notification of acceptance
August 31, 1996 Final paper due

For more information, contact
Dr. Lynn Abbott
Department of Electrical Engineering phone: 540-231-4472
Virginia Tech fax: 540-231-3362
Blacksburg, VA 24061-0111 email: abbott@vt.edu

****
Here is the CFP for a remote sensing conference:
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Conference on

IMAGE and SIGNAL PROCESSING
for REMOTE SENSING

23-27 Sept. 1996 TAORMINA - SICILY - ITALY

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All aspects of image and signal processing for remote image
analysis and understanding will be encompassed within the frame of this
conference.
Papers describing recent and original work in the following and
related research topics are welcome:

- Signal and image enhancement and restoration
- Registration techniques

- Stereoscopic images analysis
- Shape and texture analysis
- Image segmentation and object recognition
- Multisensor and multisource techniques
- Data fusion
- Statistical, structural and hybrid pattern recognition techniques
- Integration of remotely sensed data and geodata
- Neural techniques
- Scene analysis and image understanding
- Knowledge-based image interpretation
- Expert systems, fuzzy logic and A.I. techniques

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Conference chair :

DESACHY J. univ. Paul Sabatier - IRIT
Institut de Recherche en Informatique de Toulouse
118, route de Narbonne 31062 TOULOUSE cedex FRANCE
phone: (33) 61 55 65 99 fax: (33) 61 55 62 58 e.mail :desachy@irit.fr

propositions due date : new limit ---> 21 march 1996
Final Manuscript due date : 21 june l996

SUBMISSION OF EXTENDED ABSTRACTS (at least four A4 pages): To qualify for
acceptance, you must either fax one or mail all four copies of your
extended abstract by 21 march 1996 to :

****
Satellite Remote sensing III EUROPTO
c/o Direct communications GmbH
Xantener strasse 22
D - 10707 BERLIN , FRG
****
phone:++49-30-881 50 47 Fax:++49-30-881 50 40 /882 20 28
Compuserve:100140,3216@CompuServe.com (Heckel)

CONDITION OF ACCEPTANCE :

Authors are expected to secure travel and accomodation funding,
independent of the organizers, through their sponsoring organizations
before submitting extended abstracts. Only original material should be
submitted.
Extended abstracts should contain enough detail to clearly convey
the approach and the results of the research (at least four A4 pages).
Government and company clearance to present and publish
should be
final at the time of submittal. Submissions may be placed in an oral or
poster session at the chairs' discretion.

PROCEEDINGS OF THESE MEETINGS :

These meetings will result in published proceedings that can be ordered
through the advance programme. Manuscripts are required of all accepted
applicants and must be submitted in English by 21 june 1996. Copyright to
the manuscript is expected to be released for publication in the conference
proceedings. Note : if an author does not attend the meeting and make a
presentation, the chair may choose not to publish the author 's manuscript
in the conference proceedings. Papers published are indexed in leading
scientific databases including INSPEC, Compendex plus, Physics abstracts,
Chemical abstracts, International aerospace abstracts and index to
Scientific and technical proceedings.

PAPER REVIEW :

Commercial papers, description of papers with no research content, and
papers where supporting data or a technical description cannot be given for
proprietary reasons will not be accepted for presentation in this
symposium.
To assure a high quality conference, all extended abstracts and
proceedings papers will be reviewed by the conference chairs and their
scientific committees for technical merit and content.

YOUR ABSTRACT SHOULD INCLUDE THE FOLLOWING :

1. ABSTRACT TITLE
2. AUTHOR LISTING (principal author first) full names and affiliations
as they will appear in the advance programme.
3. CORRESPONDENCE FOR EACH AUTHOR
Mailing address, telephone, telefax, e-mail address
4. SUBMIT TO :
Conference title: Image and Signal processing
Conference chair : Desachy J. at satellite remote sensing symposium
5. PRESENTATION
Please indicate your preference for either "oral
presentation" or "poster presentation"
6. INDICATIONS
Indicate clearly
a - Which call for paper topic is closest to your proposal
b - Which Remote Sensing problem is the paper addressing?
c - What is the message of the paper in a nutshell?
d - What sort of Remote Sensing data will the authors use to
demonstrate their work?

7. KEY WORDS
8. EXTENDED ABSTRACT TEXT
at least four A4 pages
8. BRIEF BIOGRAPHY (principal author only)
50 to 100 words

ORAL PRESENTATION :

Each author is allowed 20 minutes plus a five-minute discussion
period. The following media equipment is provided free of charge : 35 mm
slide projectors, overhead projectors, and electric pointers. Video and
other equipment may be rented at the speaker 's expense.

POSTER PRESENTATION :

Interactive poster sessions will be scheduled.
Authors will be provided with poster boards for presentation
set-up. All conference chairs encourage authors to contribute papers with
technical content that lends itself well to the poster format. Please
indicate your preference (oral or poster) on the abstract.

CHAIR / AUTHOR BENEFITS :

Authors are expected to pay a reduced registration fee. Included with a
fee payment are a copy of the procedings in which the participant 's role
or paper appears, and other special benefits.

****
This is a (shortened) CFP for a signal processing symposium:
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>From: jarno.tanskanen@hut.fi
>Subject: * 1996 IEEE NORDIC SIGNAL PROCESSING SYMPOSIUM

ANNOUNCEMENT AND CALL FOR PAPERS

1996 IEEE NORDIC SIGNAL PROCESSING SYMPOSIUM (NORSIG'96)

September 24 - 27, 1996
Dipoli Convention Center and Department of Electrical Engineering
Helsinki University of Technology
Espoo, Finland

The Symposium is co-sponsored by

EURASIP
IEEE, CAS Society
IEEE Finland Section
Laboratory of Signal Processing and Computer Technology
Helsinki University of Technology
Laboratory of Telecommunications Technology
Helsinki University of Technology
Signal Processing Laboratory
Tampere University of Technology
Nokia Corporation

Call for Papers

1996 IEEE Nordic Signal Processing Symposium will be held at
Helsinki University of Technology, Espoo, Finland, in September,
1996. The symposium is the biannual gathering of researchers
specializing in signal processing. NORSIG'96 is the second
symposium in line and will be devoted to all aspects of theory,
design, and applications of signal processing. Papers describing
new research are invited for technical sessions on, but not limited
to, the following topics:

- Adaptive Signal Processing
- Array Signal Processing
- Audio and Speech Processing
- DSP Algorithms
- DSP for Communication
- Educational Aspects of DSP
- Image and Multidimensional Signal Processing
- Implementation of Signal Processing
- Linear Filter Design and Structures
- Medical Image and Signal Processing
- Neural Networks for Signal Processing
- Nonlinear Signal Processing
- Spectral Analysis and Estimation
- Wavelets and Filter Banks

The venue of the symposium is Dipoli Convention Center and Department
of Electrical Engineering of Helsinki University of Technology, both
located within the Otaniemi campus area in Espoo, Finland.
Architecturally valuable Otaniemi offers a perfect compact environment
for this and many other kinds of gatherings. Helsinki-Vantaa
International Airport is conveniently located within a taxi ride of 30
minutes. Downtown Helsinki can also be easily reached by Helsinki City
Transport. All the cultural and recreational services the capital of
Finland has to offer are easily at your disposal during the Symposium.

Helsinki is also the traffic center of Finland from which it is
convenient to visit all the other interesting sites of the country.

Submission Guidelines

Send THREE (3) copies of a 2-3 page summary of the paper (including
figures and references) to:

Prof. Moncef Gabbouj
Tampere University of Technology
Science Park
P.O. Box 30
FIN-28601 Pori, Finland

as per schedule. Please attach a title page to each copy of the summary
stating the title of the paper, authors' names, the name, address and
e-mail address of the corresponding author, the category of the paper
and whether the paper is better suited for oral presentation or for poster
session.

The final papers will be published in the Proceedings of NORSIG'96 that
will be available at the symposium. The length of the final papers is
strictly limited to four (4) pages.

Note: The official language of NORSIG'96 is English.

Registration and Fees

Fees:

until Aug. 31, 1996

NORSIG'96 Registration: 1350 FIM
NORSIG'96 Registration for students: 700 FIM
Tutorials: 450 FIM

after Sept. 1, 1996

NORSIG'96 Registration: 1550 FIM
NORSIG'96 Registration for students: 800 FIM
Tutorials: 500 FIM

The NORSIG'96 registration fee includes one copy of the Proceedings,
a lunch and two coffee breaks a day, and one ticket to the banquet.
Additional banquet tickets may be purchased separately.

The student registration fee includes one copy of the Proceedings
and the coffee breaks. There is a low price student lunch restaurant
at the Symposium site.

The tutorial fee includes participation to all three tutorials.
The NORSIG'96 registration fees do not include participation to the
tutorials.

Invited Papers

Emergence of Invariant-Feature Detectors in the Adaptive-
Subspace SOM
Prof. Teuvo Kohonen
Helsinki University of Technology
Neural Networks Research Centre
FIN-02150 Espoo, Finland

Ph.D. Yrjö Neuvo
Nokia Mobile Phones, Senior Vice President, R&D
Nokia Group, Member of the Group Executive Board

Prof. Truong Q. Nguyen
College of Engineering
University of Wisconsin - Madison

Pre-Conference Tutorials on Sept. 24, 1996

Efficient and Robust Communication Based on Signal
Decomposition and Approximative Multi-Dimensional Mappings
between Source and Channel Spaces
Prof. Tor Ramstad
The Norwegian Institute of Technology
N-7034 Trondheim, Norway

Design of Digital Filters with Low Power Consumption
Prof. Lars Wanhammar
Linköping University
S-58183 Linköping, Sweden

Nonlinear Techniques for Signal and Image Processing
Prof. Martin Vetterli
Ecole Polytechnique Fédérale de Lausanne
CH-1015 Lausanne, Switzerland

Schedule

Submission of proposal: May 31, 1996
Notification of acceptance: July 1, 1996
Submission of final paper: August 30, 1996
NORSIG'96 Symposium: September 24 - 27, 1996

For more Information please contact Ms. Lea Söderman at

E-mail: NORSIG96@hut.fi
Tel. +358-0-451 2496
Fax: +358-0-451 2307

http://www.hut.fi/HUT/Signal/NORSIG96/
for this text with appropriate links and downloadable forms.

****
This workshop is also related to the work of many of us:
****
>From: nrao@dizzy.EPM.ORNL.GOV (Nageswara Rao)
>Subject: Request for Inclusion in TC10 news

Workshop on
Foundations of Information/Decision Fusion:
Applications to Engineering Problems
August 7-9, 1996, Washington D.C.

Sponsored by
U.S. Department of Energy
Office of Naval Research
Army Research Office

The developments in information/decision fusion have been scattered in
articles in rather diverse areas of political economy, reliability, decision
fusion, sensor fusion, forecasting, pattern recognition, etc. Often the
foundational issues are the same across the disciplines and the solutions are
similar despite the contextual differences. The objective of this workshop is
to bring together researchers in various disciplines to foster an exchange of
foundational ideas and methods that cut across the disciplines but are tied
together with the underlying theme of information/decision fusion.

Call for Papers

Papers are solicited in all areas of information/decision fusion - both
theoretical and application-oriented papers with a foundational focus are
welcome. Six copies of the paper must be submitted or postscript file of the
manuscript must be emailed to Nageswara S. V. Rao at the following address.

Regular Mail: P. O. Box 2008
Oak Ridge National Laboratory
Oak Ridge, TN 37831-6364

Overnight/Express Delivery: Bldg 6010, Rm 220,
Bethel Valley Road
Oak Ridge National Laboratory
Oak Ridge, TN 37831

Email of Postscript files: raons@ornl.gov

Papers must be camera-ready on 8 1/2 by 11 white paper, two-column format in
Times or similar font style, 10 points or larger with one inch margins on all
four sides. The paper must not exceed six pages in total and must be written
in English.

Important Dates:
Submission of Paper: May 20, 1996
Notification: June 10, 1996
Final Manuscript Due: July 8, 1996

For more details: http://avalon.epm.ornl.gov/~nrao/workshop96.html
or contact Nageswara S. V. Rao
email: raons@ornl.gov
phone: (423) 574-7517
fax: (423) 574-7860

Organizing Committee:
Jacob Barhen
Reinhold C. Mann
Vladimir Protopopescu
Richard F. Sincovec
Nageswara S. V. Rao
all of Oak Ridge National Laboratory

>From: broggi@Verdi.Eng.UniPR.IT (Alberto Broggi)
>Subject: CFP: Hawaii Intl Conf: ENGINEERING COMPLEX COMPUTER SYSTEMS

CALL FOR PAPERS

* ENGINEERING COMPLEX COMPUTER SYSTEMS *

Thirtieth Annual
HAWAII INTERNATIONAL CONFERENCE ON SYSTEMS SCIENCES
HICSS - 30
Maui, Hawaii, January 7-10, 1997

Papers are invited for the Minitrack on ENGINEERING COMPLEX COMPUTER SYSTEMS
as part of the Advanced Technology track at the Hawaii International
Conference on System Sciences (HICSS).

1. PURPOSES

Modern computer systems and applications embody many different
characteristics and properties that are currently addressed, studied, and
optimized independently. Nevertheless, although it is of basic importance to
focus on these aspects independently, as a whole these properties feature a
complex interrelationship, and thus a higher-level view of the complete
project becomes mandatory.

While perhaps some of the earlier computer systems could be described,
designed and implemented with a particular focus on one objective (such as
fault-tolerance or timeliness), or using a single method (such as Structured
Programming), it is very questionable whether such modern and future
applications can be. Nowadays almost all electronic products are becoming more
and more software based: complex computer systems are becoming common in many
sectors, such as manufacturing, communications, defense, transportation,
aerospace, hazardous environments, energy, health care, etc. These systems
feature a number of different characteristics (such as distributed processing,
heterogeneous computational paradigms, high speed networks, novel bus systems,
or special-purpose hardware enhancements in general) and performance
requirements (such as real-time behavior, fault tolerance, security,
adaptability, development time and cost, long life concerns). The concurrent
satisfaction of the systems requirements have a considerable impact on the
hardware characteristics and vice-versa. The analysis of the complete project,
as a whole, is a major point in the design of the computer system itself and
plays a basic role throughout the entire system life.

The ECCS Minitrack will bring together industrial, academic, and
government experts from these various disciplines, to determine how the
disciplines' problems and solution techniques interact within the whole
system. Researchers, practitioners, tool developers and users, and technology
transition experts are all welcome.

2. ADDRESSED TOPICS:

Papers are solicited on all major aspects of ECCS including specifying,
designing, prototyping, building, testing, operating, maintaining, and
evolving of complex computer systems, including:

* Software engineering, re-engineering, reverse engineering
* Complex real-time architectures, tools, environments and languages
* AI and intelligent systems
* Database and data management
* Dependable real-time systems
* Virtual reality, multimedia, real-time imaging
* Algorithms, optimization and analysis
* Analytical techniques
* Megaprogramming, visual programming
* Performance estimation, prediction and optimization
* Prototyping and testing techniques
* Formal methods and formal specification techniques
* Hardware/software co-design
* Communications, networking, mobile computing
* Highly heterogeneous, distributed and parallel platforms
* Case studies and project reports

3. MINITRACK COORDINATORS

Alberto Broggi Alexander D. Stoyenko
Dip. Ingegneria dell'Informazione Real-Time Computing Laboratory, CIS
Universita` di Parma New Jersey Institute of Technology
I-43100 Parma, Italy Newark, New Jersey 07102 USA
Fax: +39 - 521 905723 Fax: (201) 596-5777
Email: broggi@CE.UniPR.IT Email: alex@vulcan.njit.edu

Papers should be submitted to:

Alberto Broggi
HICSS'97 ECCS Coordinator

Dipartimento di Ingegneria dell'Informazione
Universita` di Parma, Viale delle Scienze
I-43100 Parma, Italy

4. FURTHER AND UP-TO-DATE INFORMATION:

Further information about the ECCS Minitrack are available at the
following WWW address:
http://WWW.CE.UniPR.IT/hicss/eccs

If you wish to receive automatic updates about this event, please send
Email to:
broggi@CE.UniPR.IT

indicating "ECCS" as subject.

* INSTRUCTIONS FOR SUBMITTING PAPERS:

1. Submit 6 (six) copies of the full paper, consisting of 20 - 25 pages
double-spaced including title page, abstract, references and diagrams
directly to the minitrack coordinator.

2. Do not submit the paper to more than one minitrack. The paper should
contain original material and not be previously published or currently
submitted for consideration elsewhere.

3. Each paper must have a tile page which includes the title, full name of
all authors, and their complete addresses including affiliation(s),
telephone number(s) and e-mail address(es).

4. The first page of the paper should include the title and a 300-word
abstract.

* DEADLINES:

March 15, 1996: Abstracts submitted to track coordinators for guidance and
indication of appropriate content: authors unfamiliar with HICSS or those
who wish additional guidance are encouraged to contact any coordinator to
discuss potential papers.

June 1, 1996: Full papers submitted to the appropriate track, or
minitrack coordinator.

August 31, 1996: Notification of accepted papers mailed to authors.

October 1, 1996: Accepted manuscripts, camera-ready , sent to minitrack
coordinators; one author from each paper must register by this time.

November 15, 1996: All other registrations must be received. Registrations
received after this deadline may not be accepted due to space limitation.

* CONFERENCE PROCEEDINGS:

The conference Proceedings are published and distributed by IEEE Computer
Society.

The ENGINEERING COMPLEX COMPUTER SYSTEMS Minitrack is part of the Advanced
Technology. For more information on the Advanced Technology Track contact:

Ralph H. Sprague, Jr.
E-mail: sprague@hawaii.edu
Voice: (808) 956-7082
Fax: (808) 956-9889

* OTHER CONFERENCE TRACKS

There are three other majors tracks in the conference: Software, Digital
Documents, and Information Systems. The Information Systems Track has several
minitracks that focus on a variety of research topics in Collaboration
Technology, Decision Support and Knowledge-Based Systems, and Organizational
Systems and Technology. For more information on the other tracks, please
contact:

Software Technology Track:
Hesham El-Rewini rewini@unocss.unomaha.edu

Digital Documents Track:
M. Stuart Lynn msylnn@ucop.edu

Information Systems Track:
Ralph H. Sprague, Jr. sprague@hawaii.edu
Jay F. Nunamaker, Jr. nunamaker@bpa.arizona.edu
Eileen Dennis (Track Assistant) edennis@uga.cc.uga.edu

The purpose of HICSS is to provide a forum for the interchange of ideas, research results, development activities, and applications among academicians and practitioners in computer-based systems sciences. The conference consists of tutorials, advanced seminars, presentations of accepted papers, open forum, tasks forces, and plenary and distinguished guest lectures. There is a high degree of interaction and discussion among the conference participants because the conference is conducted in a workshop-like setting.

For more information on the conference, please contact the conference coordinator:

Barbara Edelstein
College of Business Administration
University of Hawai'i
2404 Maile Way
Honolulu, HI 96822
Voice: (808) 956-3251
Fax: (808) 956-9685
E-mail: hicss@hawaii.edu

or visit the World Wide Web page: http://www.cba.hawaii.edu/hicss

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Here is a short announcement about the coming ECCV'96 conference:
****
>From: njh@eng.cam.ac.uk (N. J. Hollinghurst)
>Subject: ECCV'96 Registration and final programme details

FOURTH EUROPEAN CONFERENCE ON COMPUTER VISION

Registration form and full programme details (in PostScript format) can now be found on the ECCV'96 web site:

http://svr-www.eng.cam.ac.uk/Research/Vision/ECCV/ECCV.html

and on the ftp site:

ftp://svr-ftp.eng.cam.ac.uk/pub/eccv96/

For further details, enquiries should be addressed to:

ECCV'96 Conference Contact tel: +44 1223 323437
42 Devonshire Road fax: +44 1223 460396
Cambridge CB1 2BL email: cc@confcon.demon.co.uk
England.

****
We have also some conference information about ICASSP'96
****
>From: "Monty Hayes" <mhh3@ee.gatech.edu>
>Subject: ICASSP-96

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Greetings from the ICASSP-96 Technical Committee.

EARLY REGISTRATION DEADLINE IS NOT FAR AWAY!

Listed below you will find an ICASSP-96 Update.

ANNOUNCEMENTS:
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1) Conference Registration Forms were mailed out to the Signal Processing Society Members on Tuesday, February 20. Please note that the early registration deadline of March 15 is rapidly approaching. Registrations received by this date will qualify for a discounted registration fee. To avoid the higher on-site registration fees fees, payment must be RECEIVED by March 15, 1996. The fees are:

If Received
by 3/15/96 On-Site

IEEE Members: $350 $475
Non-members: $450 $575
Student IEEE members: $ 75 $100
Student Non-members: $100 $125

Registration forms may also be found in the January issues of the Signal Processing Society Transactions, and forms are available

on the WWW and by anonymous ftp at

ftp.eedsp.gatech.edu/pub/icassp96

The relevant files are reg_page1.ps and reg_page2.ps

WHAT DOES REGISTRATION INCLUDE?

a) Conference Proceedings on CD-ROM.
b) Admission to all technical sessions and exhibit hall.
c) Welcome Reception and Exhibitors Reception.

PLEASE NOTE:

Conference Registration does NOT include a paper copy of
the proceedings. Furthermore, if you want to guarantee
that one will be printed and available either before or
at the conference, you MUST place an order with your
paid registration by March 15. Only a small number will
be printed in excess of the number ordered. Once these
are gone, copies will only be available through the IEEE
(at a higher price).

In addition, please note that full registration does NOT
include a banquet ticket. If you wish to attend this event,
tickets may be purchased for $35.00. This year, we believe
that the program will be exceptional! So plan on attending.

2) We are happy to announce that this year The Mathworks will again be
providing internet services to conference attendees.

OTHER INFORMATION:
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1) The technical program may be viewed on the WWW at

http://www.ee.gatech.edu/conferences/icassp96

along with other useful information such as travel, dining, and
entertainment.

2) Since 1996 is an Olympic year for Atlanta, hotel space may be very
tight. Therefore, we recommend that you make reservations early at
the Marriott Marquis in order to guarantee a room. Please note that
there are a LIMITED number of rooms (10% of the room block) that will
be available at the government rate to government employees AND to
students.

3) If you would like to remove your name to this electronic mailing
list, send mail to

majordomo@ee.gatech.edu

with "unsubscribe spmail" as the body of the message.

If you have any other questions or need additional information, feel free
to contact me or the appropriate member of our technical committee.

We are looking forward to seeing you at ICASSP-96 and to a successful
conference. We thank you for your interest and participation.

With Regards,
M.Hayes
General Chair, ICASSP-96

****
Some information on this other image analysis symposium:
****
>From: jjr@mipl-gw.ece.arizona.edu (Jeffrey J. Rodriguez)
>Subject: IEEE Southwest Symp. on Image Analysis

IEEE SOUTHWEST SYMPOSIUM ON
IMAGE ANALYSIS AND INTERPRETATION

April 8-9, 1996, Historic Menger Hotel, San Antonio, Texas, U.S.A.

You are cordially invited to attend the IEEE Southwest Symposium on
Image Analysis and Interpretation. The Symposium is sponsored by
The University of Texas at San Antonio, The University of Arizona, and
the Central Texas Section of the IEEE, in cooperation with the IEEE
Signal Processing Society.

FURTHER INFORMATION: http://www.ece.arizona.edu/conferences/ssiai96

KEYNOTE SPEAKERS:

Rosalind W. Picard, "Computer, find me a picture like this ..."
Aggelos Katsaggelos, "Very Low Bit Rate Video Coding: Some Optimal
Results and Some Open Questions"

TECHNICAL SESSIONS:

Multiresolution Compression
Inspection Stereo
Analysis Segmentation
Biomedical Models
Recognition Enhancement
Tracking Remote Sensing

****
Here is another workshop which may interest some of you:
****
>From: dyer@cs.wisc.edu (Charles Dyer)
>Subject: Workshop on Object Representation for Computer Vision

ANNOUNCEMENT AND PRELIMINARY PROGRAM:

INTERNATIONAL WORKSHOP ON OBJECT REPRESENTATION FOR COMPUTER VISION

April 13-14 1996 - University of Cambridge, England
(Preceeding 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 13-14,
preceeding ECCV'96 which begins on April 15.

For registration information, please consult the ECCV Web site:
http://svr-www.eng.cam.ac.uk/Research/Vision/ECCV/ECCV.html and
look up the Early Registration info. (Note: early registration
is up to Feb. 29. Registration fee goes up afterwards.)

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. The invited speakers are:

o Takeo Kanade, Carnegie-Mellon University
o Jan Koenderink, Utrecht University
o Ram Nevatia, University of Southern California

To facilitate discussions, the attendance to the workshop will be
limited to a hundred participants.

The proceedings (including the contributed papers and a summary of the
panel discussions) will be published after the workshop by
Springer-Verlag in the Lecture Notes in Computer Science series.

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

PRELIMINARY PROGRAM:

SATURDAY APRIL 13 -- AFTERNOON
o Welcome and introduction
o Invited talk: Ram Nevatia, University of Southern California
Break
o Geometric and topological representations I
1. Sayd, Dhome & Lavest: Using deformable model to recover generalized
cylinders.
2. Carlsson: Combinatorial geometry for shape representation and
indexing.
3. Rothwell, Mundy & Hoffman: Representing objects using topology.
Break
o Geometric and topological representations II

1. Angelopoulou, Williams & Wolff: Curvature based signatures for
object description and recognition.
2. Forsyth, Malik, Fleck, Leung, Bregler, Carson & Greenspan:
Finding objects by grouping.
Break
o Panel 1.

SUNDAY APRIL 14 -- MORNING
o Invited Talk: Jan Koenderink, Utrecht University
o Appearance-based representations I
1. Nayar & Murase: Dimensionality of illumination manifolds
in eigenspace.
2. Belhumeur, Yuille & Epstein: Learning and recognising objects using
illumination subspaces.
3. Pope & Lowe: Learning appearance models for object recognition.
Break
o Appearance-based representations II - hybrid approaches
1. Schmid, Bobet, Lamiroy & Mohr: An image-oriented CAD approach.
2. Liu, Mundy, Zisserman, Pillow & Rothwell: An experimental
comparison of appearance models and geometric class models
represented by invariants.
Break
o Panel 2.

SUNDAY APRIL 14 -- AFTERNOON
o Invited talk: Takeo Kanade, Carnegie-Mellon University
Break
o 3D representations and applications I
1. Francois & Medioni: Generic shape learning and recognition.
2. Ayoung-Chee, Dudek & Ferrie: Enhanced 3D representation
using multiple models.
3. Shum, Hebert & Ikeuchi: On 3D shape synthesis.
Break
o 3D representations and applications II
1. Wright, Fitzgibbon, Giblin & Fisher: Beyond the Hough transform:
further properties of the R, theta mapping and their applications.
2. Kutulakos & Vallino: Non-Euclidean object representation for
calibration-free video overlay.
Break
o Panel 3.

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CALL FOR PARTICIPATION

INTERNATIONAL CONFERENCE ON
GEOGRAPHIC INFORMATION SYSTEMS IN
URBAN, ENVIRONMENTAL AND REGIONAL PLANNING

ISLAND OF SAMOS , GREECE
APRIL 19-21, 1996

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| (This call is also available on URL |
| http://www.softlab.ece.ntua.gr/~timos/gis96call.html) |
===

ORGANIZED BY:
Department of Architecture
Division of Urban and Regional Planning
National Technical University of Athens
and
Department of Electrical and Computer Engineering
Division of Computer Science Division
National Technical University of Athens

with the kind sponsorship by AKTOR, SA, The General Secretariat of
Research and Technology, INTRASOFT, SA, ATTICA METRO, SA, The National
Technical University of Athens, The Organization for Athens Urban
Transportation, OMAS SA, and SIEMENS SA.

THE CONTEXT OF THE CONFERENCE
The Conference will focus on the latest developments in theory and
applications of Geographic Information Systems (GIS) and information
technology, in the field of Urban, Environmental and Regional Planning.
It will also focus on topics concerning analytical techniques and data
bases for Geographic Information Systems. The aim of the conference
is to identify problem areas, requiring solutions using modern
technologies and / or the development of new research directions,
concerning future applications.

Papers will be presented on topics including:

* Data modelling and management in GIS
* GIS systems, for urban, regional and environmental planning applications
* Decision making support systems in urban, regional and environmental
planning
* Spatial data integration
* Presentation of spatial information
* User interface design

For further information, please contact: Prof. Dimitris Georgoulis,
Division of Urban and Regional Planning, Dept. of Architecture,
National Technical University of Athens, Zographou 157 73, Athens,

Greece (email gis96@dbnet.ece.ntua.gr; tel. +30-1 -772-1591,
FAX +30-1 -772-1587).

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SAMOS 96 ADVANCE PROGRAM
[shortened -- see my archives for full version]

FRIDAY APRIL 19
9:15-10:30 Session 1 - KEYNOTE ADDRESS
TBA.

11:00-12:30 Session 2 - URBAN PLANNING AND GIS I

14:00-16:00 Session 3 - GIS TECHNOLOGY

16:30-17:30 Session 4 - TUTORIAL
Speaker to be announced

SATURDAY APRIL 20

9:00-10:30 Session 5 - APPLICATIONS OF GIS I

11:00-12:30 Session 6 - URBAN PLANNING AND GIS II

14:00-15:30 Session 7 - MODELING IN GIS

16:00-17:30 Session 8 - INVITED SESSION: LARGE GIS APPLICATIONS
Participants to be announced

9:00-10:30 Session 9 - APPLICATIONS OF GIS II

11:00-12:30 Session 10 - DATA STRUCTURES AND LANGUAGES FOR
GEOGRAPHICAL DATABASES

LOCATION OF CONFERENCE SITE
The conference will take place in "Doryssa Bay's" Convention and Cultural Center
on the beautiful island of Samos. The center can accommodate 250 people. The
"Doryssa Bay" Convention Center is part of the Doryssa Bay hotel-village that
is located in one of the most beautiful locations of the Mediterranean on the
historic island of Samos at the village of Pythagorion, the birthplace of
Pythagoras the Great Philosopher and mathematician. The "Village" offers 320
rooms, with full range of services. The rooms are arranged in bungalows and in
the main hotel building which are located in a near distance with the
international airport of the island.

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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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