

# Newsletter 44, August 1996

TC10 news #44

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- CFP: Int Conf. on Computational Intelligence and Neuroscience - Special Session on Pattern Recognition, Image Processing, and Computer Vision

Greetings to all the TC10 members from your new TC10 chairman. It is a tall order to step into Karl Tombre's shoes. Karl did an excellent job as the previous chairman. I will do my best to live up to the standards set by him.

First, a reminder for the approaching submission deadline for ICDAR'97. I have included a copy of the CFP from an earlier TC10 mailing (TC10 news #34). The full version is available at <http://wwwicdar97.dbag.ulm.daimlerbenz.com/>  
This is followed by several other reminders and CFP's.

The new WWW home page for TC10 is at

<http://www.iapr-tc10.or.kr/>

Please add this to your bookmarks. For now, most of the links in this page point to Karl Tombre's web pages. I will gradually move the information onto our local server. Over time, I will add more information to this web page. E.g., I will soon provide a list of graphics recognition companies on the web. I will add a conference calendar. Also, I will make available information and data for the past and the next graphics recognition contests. I would welcome any other suggestions.

I am sorry for the delay in resuming the TC10 news. From now on, I will send out the news approximately once a month.

I look forward to serving the Graphics Recognition community.

-Atul

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ICDAR '97  
Fourth International Conference  
on Document Analysis and Recognition  
August 18-20, 1997, Ulm, Germany

Call for Papers [shortened -- full version available online]

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You are invited to participate in the fourth International Conference on Document Analysis and Recognition to be held on August 18-20, 1997 at the Ulm Conference Center in Ulm, Germany.

The conference is sponsored by the International Association for Pattern Recognition (IAPR) Technical Committees 11 and 10, the International Graphonomics Society (IGS), the German Association for Computer Science (GI), and the German Association for Information Technology (ITG).

This conference is a unique International Forum for identifying, encouraging and exchanging ideas on research, development and novel applications dealing with documents -- in any language -- and how to make the contents of document images computer-accessible. The topics will include, but are not limited to:

Document Image Processing  
Color Image Processing  
Image Compression  
Distortion Removal

Character Recognition & Segmentation  
Touching & Broken Characters  
Cursive Script Recognition  
Isolated Unconstrained Characters  
Large Vocabulary

On-Line Recognition  
Handwritten Characters & Symbols  
Drawings & Gestures  
Pen Based Interface

Signature Verification

Storage & Retrieval of Documents

Document Image Filing

Automated Indexing

Information Extraction

Retrieval of Text and Pictures

Hypermedia Processing

Multimedia Processing

Electronic Books & Hypertext

Multimedia Databases

Applications and Systems

Forms & Bank-Cheque Reading

Office OCR Systems

Postal Automation

Geographical Information Systems

Industrial & Business Applications

Document Image Analysis

Layout Analysis

Logical Structure Analysis

Recognition of Forms

Text & Document Understanding

Text Analysis & Recognition

Use of Linguistic Knowledge

Use of Domain-Specific Knowledge

Multilingual Text Understanding

Map and Engineering Drawings Interpretation

Map Interpretation

Diagram/Drawing Understanding

Musical Score Recognition

Theoretical Approaches

Neural Networks

Genetic Algorithms

Expert Systems

Psychological Models

Image Degradation Models

Implementations

Hard & Software-Architectures

Software Packages

Automatic Learning & Adaptation

Research Environments

Software Tools

Research Databases

Performance Evaluation

Standardization

Presentation:

The Conference will include oral and poster presentations and invited talks by distinguished researchers. Posters with a demonstration will be considered at the time of paper submission upon request by the authors. All presentations will be in English.

Paper Submission:

Papers should describe original and unpublished work. Those who wish to present a paper are requested to submit four copies of a double-spaced complete paper of not more than 20 pages by December 1, 1996 to one of the Program Chairmen listed below. The first page of the manuscript should contain a title, affiliation, mailing address, phone/fax numbers and e-mail address of the contact author. The second page should include a title, a 200-word abstract, and keywords. Papers accepted for presentation will be published in the conference proceedings, i.e. six pages (approximately 5000 words including figures) for long papers and four pages (3500 words) for short papers and poster papers. We do not review papers submitted by facsimile or e-mail.

Dr. Henry Baird

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Important Dates:  
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Paper Submissions December 1, 1996  
Notification of Acceptance March 1, 1997  
Camera Ready Paper May 1, 1997

For further information, please contact the Conference Secretariat  
or one of the Publicity Co-chairs:

Secretariat -- ICDAR '97  
c/o Daimler Benz Research Center Ulm  
Wilhelm Runge Str. 11  
89081 Ulm, Germany  
Phone: (49) 731-505-2151  
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>From: [chris@sun7.photo.verm.tu-muenchen.de](mailto:chris@sun7.photo.verm.tu-muenchen.de) (C. Heipke )  
>Subject: CFP SPIE-Integr. Photogram. & Scene Analysis and Machine Vision

SPIE Aerospace '97  
Orlando Marriot World Center Hotel  
Orlando, Florida  
21-23 April, 1997

#### CALLFORPAPERS

Integrating Photogrammetric Techniques With  
Scene Analysis and Machine Vision III

Conference Chairs: David M. McKeown, Jr., Carnegie Mellon Univ.  
J. Chris McGlone, Carnegie Mellon Univ.  
Olivier Jamet, Institut Geographique National, France

Program Committee: Ian Dowman, University College London  
Christian Heipke, Technical University Munich  
Edward M. Mikhail, Purdue University

This conference, the third in a series, has been a focal point for  
papers describing basic research or advanced system applications of  
digital photogrammetry applied to problems in automated mapping,  
analysis of remotely sensed imagery, and feature extraction for spatial  
database generation and update. As such we solicit papers in the  
following areas:

- (1) Use of photogrammetry in computer vision algorithms for object  
recognition, modeling, and scene analysis including:
  - o use of photogrammetric information to guide computer vision  
algorithms
  - o use of high quality geometric information and invariants
  - o precision and accuracy of derived points, features, and  
models
  - o managing uncertainty in derived object models
- (2) Use of computer vision for typical photogrammetric problems:

- o interior orientation
- o tie point selection
- o control point identification and measurement
- o calibration

(3) Automated mapping applications including:

- o terrain modeling
- o automated image-scene registration
- o cartographic feature extraction of manmade structures
- o understanding and utilization of existing maps, databases, imagery
- o surface cover description and characterization
- o cartographic change detection
- o applications to forestry, land use, environmental monitoring
- o rapid construction of virtual world databases for simulation and planning

(4) Computer vision and multisensor fusion using explicit photogrammetric models of non-traditional sensors:

- o airborne multispectral / hyperspectral scanners
- o imaging radar
- o FLIR, IR

(5) Design issues for advanced automated analysis systems including:

- o effects of image handling, resampling, compression and softcopy stereo display on measurement precision
- o the utility of automation vs. operator interaction
- o innovative techniques for output verification, correction, and editing.

(6) GIS issues in digital photogrammetry including:

- o utilization of existing map products and their automated update
- o types of derived products such as thematic maps, 3D visualization, temporal visualization
- o maintenance of spatial data over time

As in previous conferences approximately 25 minutes will be allocated for paper presentation with 5 minutes reserved for questions and discussion. Paper submissions for review should be approximately 15 pages long, single spaced using a 12 point font. 500 to 1000-word extended abstracts may be submitted for review and should convey the technical approach and results of the research. Indicate regular session or poster presentation preference. Preference for regular session presentations will be given to full paper submissions. A small number of invited papers will be solicited.

Please send (3) copies of full papers or extended abstracts by October 28, 1996 to:

David M. McKeown  
 Digital Mapping Laboratory  
 Department of Computer Science  
 5000 Forbes Avenue  
 Carnegie Mellon University  
 Pittsburgh, PA. 15213  
 USA

[dmm@cs.cmu.edu](mailto:dmm@cs.cmu.edu)  
 (412) 268-2626  
 (412) 268-5576 (FAX)  
<http://www.cs.cmu.edu/~MAPSlab>

Manuscript due date is March 24, 1997.

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 >From: [F.Deravi@swansea.ac.uk](mailto:F.Deravi@swansea.ac.uk) (Farzin Deravi)  
 >Subject: CFP: IPA'97 International Conference on Image Processing and its Applications

Sixth International Conference on  
 Image Processing and its Applications  
 Trinity College, Dublin, Ireland: 14-17 July 1997

AIMS This Conference is the sixth in the successful series on image processing organised by the Institution of Electrical Engineers and aims to provide a forum for the reporting of current developments and new ideas in the area of image processing, bringing together keynote speakers and researchers on an international basis. A Tutorial Day will be held on 14th July, followed by the three day Conference.

#### PAPER CATEGORIES

1. Image Communication
  - 1.1 Coding and compression
  - 1.2 Image perception and fidelity
  - 1.3 Multimedia
  - 1.4 Virtual reality
  - 1.5 Standards
2. Image Interpretation
  - 2.1 Labelling and classification
  - 2.2 Neural and genetic systems

- 2.3 Motion
- 2.4 Stereo and 3D
- 2.5 Shape

### 3. Image Analysis

- 3.1 Image models
- 3.2 Filtering
- 3.3 Transforms
- 3.4 Morphology
- 3.5 Texture
- 3.6 Segmentation
- 3.7 Enhancement
- 3.8 Colour

### 4. Architectures

- 4.1 Acquisition/sensors
- 4.2 Hardware
- 4.3 VLSI
- 4.4 Real-time issues
- 4.5 Storage
- 4.6 Display

### 5. Applications

- 5.1 TV and video
- 5.2 Robotics
- 5.3 Medical  
(inc. Diagnostic, Radiotherapy, High Energy, Nuclear)
- 5.4 Forensic
- 5.5 Security and surveillance
- 5.6 Remote sensing
- 5.7 Transport
- 5.8 Industrial inspection
- 5.9 Document processing

### 6. Other

#### Contributions

Papers will be selected on the basis of technical quality, timeliness and potential stimulation of broad ranging discussion. Emphasis will be given to quality of preparation and presentation, and detailed instructions will be sent to authors of accepted contributions. In addition to lecture theatre presentations a significant number of papers will be presented for poster sessions, which will be formally scheduled as an integral and important part of the Conference programme. They will be accorded equal status with the oral presentations, and subjected to the same refereeing procedures. All accepted papers will be published in the Proceedings. Please indicate your preferred method of presentation on the reply slip.

Submissions should be in the form of an abstract of about 1000 words and include:

- 3-4 keywords
- Paper category number (1st and 2nd choice from opposite list)
- Indication of results and applications

The abstract should be received by the Secretariat on or before 1st November 1996.

Authors whose abstract is selected for further consideration will be required to provide a typescript of no more than 5 A4 pages (approximately 5,000 words, or the equivalent including illustrations etc.), submission of which must be accompanied by a deposit of L50 towards the Conference registration fee.

The submission of the full paper will be taken as confirmation that at least one author will attend.

#### Deadlines

Intending authors should note the following deadline dates:

- Receipt of Synopses: 1 November 1996
- Notification of provisional acceptance: January 1997
- Receipt of full typescript for final review: Mid-March 1997
- Confirmation of acceptance: May 1997

#### Exhibition

An exhibition is planned in conjunction with the Conference, providing an opportunity for attendees to examine and discuss the available hardware, software and systems in detail. The exhibition will also include a comprehensive book display.

#### Secretariat

Miss Sheila Griffiths  
Senior Conference Organiser  
Conference Services  
The Institution of Electrical Engineers  
Savoy Place  
London WC2R 0BL

Tel: 0171 344 5472  
Fax: 0171 240 8830  
email: [sgriffiths@iee.org.uk](mailto:sgriffiths@iee.org.uk)

Miss Katie Moorley  
Conference Assistant  
(Address as above)  
Tel: 0171 344 5475  
Fax: 0171 240 8830  
email: [kmoorley@iee.org.uk](mailto:kmoorley@iee.org.uk)

=====  
>From: [iwvf3@imagn.na.cnr.it](mailto:iwvf3@imagn.na.cnr.it) (iwvf3 Secretariat)  
>Subject: IWVF3 Reminder

REMINDER:  
The deadline for submission of contributions to IWVF3 is October 31, 1996

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

Scientific Program  
The scientific program will include invited talks and contributed papers.  
Main topics include:

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

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)

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](mailto:iwvf3@imagn.na.cnr.it)

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

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

email: [iwvf3@imagn.na.cnr.it](mailto:iwvf3@imagn.na.cnr.it)  
fax: + 39 81 5267654  
www home page: <http://amalfi.dis.unina.it/IWVF3/iwvf3cfp.html>

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>From: [abbott@birch.ee.vt.edu](mailto:abbott@birch.ee.vt.edu) (Dr. A. Lynn Abbott)  
>Subject: WACV REGISTRATION INFORMATION

WACV '96 ANNOUNCEMENT AND REGISTRATION INFORMATION  
Third IEEE Workshop on Applications of Computer Vision  
DECEMBER 2-4, 1996 --- SARASOTA, FLORIDA, USA --- HOLIDAY INN ON LIDO BEACH

Sponsored by the IEEE Computer Society and TC-PAMI

\*\*\*\*\* Advance Registration Deadline: November 4, 1996 (to receive discount)  
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For the latest information, access Web site <http://www.ee.vt.edu/wacv96>

This email message contains the following information:

- 1) PURPOSE
- 2) SARASOTA
- 3) TRANSPORTATION
- 4) IMPORTANT DATES
- 5) SPECIAL EVENTS
- 6) ORGANIZING COMMITTEE
- 7) REGISTRATION FORM
- 8) HOTEL INFORMATION
- 9) ADVANCE PROGRAM (abbreviated version)

PURPOSE:

We are pleased to announce the advance program for WACV '96, at which researchers from around the world will present and discuss the application of computer vision techniques to diverse problems of practical significance. In the spirit of the workshop format, we encourage others to participate and bring related interests of industry, government, and academia to the meeting. In addition to a panel discussion and demo session, morning and evening technical sessions have been scheduled around these topics and others:

remote sensing and cartography manufacturing  
law enforcement and surveillance industrial inspection  
mosaicing medicine  
visual navigation teleconferencing  
content-based video indexing OCR  
target recognition image enhancement

A published proceedings will be available at the Workshop.

#### SARASOTA:

The workshop hotel is the Holiday Inn on Lido Beach in Sarasota, Florida. One of the prime attractions is, of course, the beach. In addition, the hotel has a pool and is a two-block walk from St. Armand's Circle, which provides many fine shopping and dining possibilities. Outdoor activities in the area include golf, tennis, and cycling, as well as various water sports, including wind surfing, deep sea fishing, and boat rentals. Other attractions in the Sarasota area include the Mote Marine Lab, Myakka River State Park, Ringling Museum of Art, and Sarasota Jungle Garden. Other major attractions within driving distance include Disney World, Epcot Center, Sea World, Universal Studios (all near Orlando), Busch Gardens (in Tampa), and the Salvador Dali Museum (in St. Petersburg).

#### TRANSPORTATION:

Several major airlines fly into the Sarasota airport, which is about 7 miles from the conference hotel. The hotel provides a complimentary shuttle from/to the Sarasota airport; just call the hotel upon arrival. Otherwise, a taxi from the Sarasota airport to the hotel costs about \$12 one way. The hotel is also approximately a 75-minute drive from the Tampa airport.

#### IMPORTANT DATES:

November 4 Advance registration deadline (to receive discount)  
November 8 Conference hotel reservations deadline  
November 18 Deadline for registration by fax or postal mail  
December 2-4 Workshop

#### SPECIAL EVENTS:

- o DEMO SESSION
- o Presentation of the 1996 TECHNICAL ACHIEVEMENT AWARD of the IEEE Computer Society to Prof. J. K. Aggarwal
- o Invited Panel Discussion: WHAT INDUSTRY LIKES/DOES NOT LIKE ABOUT UNIVERSITY RESEARCH AND EDUCATION IN COMPUTER VISION

#### ORGANIZING COMMITTEE:

General Chair  
Lynn Abbott (Virginia Tech)  
[abbott@vt.edu](mailto:abbott@vt.edu)

Program Co-chairs  
Steve Shafer (Microsoft)  
[stevensh@microsoft.com](mailto:stevensh@microsoft.com)

Raj Talluri (Texas Instruments)  
[talluri@ti.com](mailto:talluri@ti.com)

Local Arrangements  
Sudeep Sarkar (U. of South Florida)  
[sarkar@bigpine.csee.usf.edu](mailto:sarkar@bigpine.csee.usf.edu)

Program Committee  
Ruud Bolle (IBM)  
Terry Boulton (Lehigh U.)  
Kim Boyer (Ohio State U.)  
Horst Bunke (U. of Bern)  
Yuh-Lin Chang (Matsushita)  
Tai-Hoon Cho (LG Industrial Systems)  
Ed Delp (Purdue U.)  
Bruce Flinchbaugh (Texas Instruments)  
Yasukito Hara (Hitachi)  
Martin Herman (NIST)  
Dmitry Goldgof (U. of South Florida)  
Alok Gupta (Siemens)  
Ramesh Jain (UCSD)  
Rakesh Kumar (David Sarnoff Research)  
Reinhold Mann (Oak Ridge Nat'l Lab)  
Elzbieta Marszalec (U. of Oulu)  
Rakesh Mohan (IBM)  
Shree Nayar (Columbia U.)  
Shozo Nomura (Matsushita)  
Wolfgang Polzleitner (Carnegie-Mellon and Technische Universitat Graz)  
Eric Saund (Xerox)  
Robin Strickland (U. of Arizona)  
Mohan Trivedi (UCSD)

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WACV '96 REGISTRATION FORM

(Use this form, or download the Web version from <http://www.ee.vt.edu/wacv96>.)

DO NOT SEND THIS FORM WITHOUT PAYMENT. Form must be postmarked or faxed by November 18. You must register on site after November 18.

Mail or fax this form along with payment to  
IEEE Computer Society  
Attn: WACV '96  
1730 Massachusetts Avenue NW  
Washington, DC 20036-1992 USA  
phone: 202-371-1013 fax: 202-728-0884

Name: \_\_\_\_\_  
(Last, First, Middle, as you would like it to appear on your badge)  
Affiliation: \_\_\_\_\_

Address: \_\_\_\_\_

City/State/Zip/Country: \_\_\_\_\_

E-mail address: \_\_\_\_\_

Telephone: \_\_\_\_\_ Fax: \_\_\_\_\_

Do you have any special needs? \_\_\_\_\_

Membership: Check one of the following lines.  
Member numbers must be provided to receive member rates.  
 IEEE member # \_\_\_\_\_  
 Non-member  
 Full-time student (must attach a copy of your valid student identification card.)

Mailing lists:  
 Do not include my name, address or phone number in a published list of attendees.  
 Do not include my name, address or phone number on a non-society mailing list.

Registration amounts: Includes admission to technical sessions, demo session, and one copy of the proceedings.  
Postmarked or faxed on or before Nov. 4 (advance)  
Member: \$325  
Non-member: \$405  
Student: \$100

Postmarked or faxed after Nov. 4, but by Nov. 18 (late)  
Member: \$390  
Non-member: \$485  
Student: \$120

A. Enter the registration fee that you are paying: \$ \_\_\_\_\_  
B. For international wire transfers, add \$25 fee: \$ \_\_\_\_\_  
(copy of transaction must accompany this form)  
C. Total payment, U.S. funds drawn on U.S. banks only (A+B) \$ \_\_\_\_\_

Method of payment (please check one):  
 Company check #: \_\_\_\_\_  
 Personal check #: \_\_\_\_\_  
 U.S. government Purchase Order (original must be included with this form)  
 Transfer by wire  
 American Express  Diners Club  MasterCard  Visa  
Card number: \_\_\_\_\_  
Cardholder name: \_\_\_\_\_  
Exp. Date: \_\_\_\_\_  
Signature: \_\_\_\_\_

Checks and purchase orders should be made payable to the IEEE Computer Society.  
All checks must be in U.S. funds drawn on U.S. banks only.  
All credit card charges will appear as IEEE COMPUTER SOCIETY REGISTRATION on your statement. Cancellations: Written requests for refunds must be received at the Computer Society by November 18.  
All refunds are subject to a \$50 administrative fee.

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HOTEL INFORMATION:  
The workshop hotel is the HOLIDAY INN ON LIDO BEACH.  
Please make your reservations directly with the hotel.  
The WACV conference rates for rooms are \$69 (city view) and \$89 (ocean view).  
These rates are for 1 to 4 people per room per night, and are subject to a 9% tax. A roll-away bed can be provided for a 5th person for \$15 plus tax per night. To obtain the conference rates, make your reservation by 5 pm EST on Friday, November 8, and mention that you are attending WACV '96 (group code IEEE). Reservations made after this date will be accepted by the hotel on a "space available" basis. All major credit cards are accepted by the hotel. To make your reservation contact the hotel directly by calling 1-800-892-9174, fax to 1-941-388-4321, or write to:  
Holiday Inn - Lido Beach  
233 Ben Franklin Drive  
Sarasota, Florida 34236 USA

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WACV '96 ADVANCE PROGRAM, December 2-4, 1996

This is an ABBREVIATED VERSION of the Advance Program for WACV '96. A complete Advance Program can be viewed by accessing Web site <http://www.ee.vt.edu/wacv96>, or by contacting Lynn Abbott at the address given above. Technical sessions are scheduled for mornings and evenings, leaving the afternoons free for the beach, golf, sightseeing, meeting informally with colleagues, and special events such as the Demo Session.

MONDAY, DECEMBER 2, 1996

7:30 Registration and coffee

8:00 Welcome

8:15 Invited Keynote Talk: Yeongji Kim, CIA/ORD  
VIDEO EXPLOITATION FOR AUTONOMOUS EVENT UNDERSTANDING

9:00 Break

9:20 Session: Remote Sensing, Cartography

10:20 Break

10:40 Session: Surveillance, Law Enforcement

12:00 Afternoon Adjournment

12:00 - 17:00

Special Event: WACV'96 DEMO SESSION  
Organized by C. Frankel (U. Chicago) and M. J. Swain (U. Chicago)

17:00 Reception

17:30 Award Presentation:  
1996 TECHNICAL ACHIEVEMENT AWARD OF THE IEEE COMPUTER SOCIETY  
to Prof. J. K. Aggarwal

18:00 Session: Mosaics, Image Warping, Super Resolution

19:00 Break

19:20 Session: Navigation, Range Image Segmentation

20:40 Break

21:00 Session: Video Indexing, Content-based Image Retrieval

22:00 Evening Adjournment

TUESDAY, DECEMBER 3, 1996

7:30 Morning Coffee

8:00 Session: Manufacturing, Industrial Inspection

9:20 Break

9:40 Session: Teleconferencing, Human-Computer Interfaces

10:40 Break

11:00 Session: Visual Navigation

12:00 Afternoon Adjournment

12:00 - 17:00

Free Time (other special events may be scheduled for this time period)

17:00 Reception

17:20 Session: Medicine

18:20 Break

18:40 Session: FLIR Targets, Fingerprints, Moire Patterns, Calibration

20:00 Break

20:20 Invited Panel Discussion:  
WHAT INDUSTRY LIKES/DOES NOT LIKE ABOUT UNIVERSITY RESEARCH AND EDUCATION  
IN COMPUTER VISION  
Moderators: Dmitry Goldgof (U. South Florida) and Kim Boyer (Ohio State)

22:00 Evening Adjournment

WEDNESDAY, DECEMBER 4, 1996

7:30 Morning Coffee

8:00 Session: Medicine

9:00 Break

9:20 Session: Vegetables, Wood, Motion Estimation

10:40 Break

11:00 Session: OCR

12:00 End of Workshop

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For further Information,

Dr. Lynn Abbott  
Associate Professor  
Bradley Department of phone: 540-231-4472  
Electrical and Computer Engineering fax: 540-231-3362  
Virginia Tech e-mail: [abbott@vt.edu](mailto:abbott@vt.edu)  
Blacksburg, VA 24061-0111

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>From: Semantic Modelling for the Acquisition of Topographic Information from Images and Maps <[smati97@uran.informatik.uni-bonn.de](mailto:smati97@uran.informatik.uni-bonn.de)>

>Subject: SMATI'97 - Call for Papers

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\* \*

\* Workshop \*

\* \*

\* SEMANTIC MODELING FOR THE ACQUISITION OF \*

\* TOPOGRAPHIC INFORMATION FROM \*

\* IMAGES AND MAPS \*

\* \*

\* SMATI '97 \*

\* \*

\*\*\*\*\*

- Call for Papers -

PROGRAM CHAIR: Wolfgang Foerstner, University of Bonn

ORGANIZER: Lutz Pluemer, University of Bonn

PLACE: Gustav Stresemann Institut, Bonn, Germany

TIME: Wednesday to Friday, 21.-23. May, 1997.

PROGRAM COMMITTEE:

Mike Brady, Oxford L. Dreschler-Fischer, Hamburg  
Armin Gruen, Zuerich Andrew Frank, Wien  
Henri Maitre, ENST Chris McGlone, CMU  
Bernd Neumann, Hamburg Ram Nevatia, USC  
Heinrich Niemann, Erlangen Ed Riseman, UMASS  
Gerhard Sagerer, Bielefeld Robert Weibel, Zuerich  
George Vosselman, Delft

-----  
Acquiring spatial data for Geoinformation systems today still is mainly done by human operators who analyze images using classical photogrammetric equipment or digitize maps, possibly assisted by some low level image processing. Automation of these tasks is difficult due to the complexity of the object, the topography, and the deficiency of current pattern recognition and image analysis tools for achieving a reliable transition from the data to the high level description of topographic objects. It appears that progress in automation only can be achieved by incorporating domain specific semantic models into the analysis procedures.

The workshop wants to bring together specialists in image analysis, digital photogrammetry and cartography to discuss the current state of automatic procedures for acquiring topographic information from images and maps. The goal is to find out common object models and analysis strategies.

The following topics are of major concern:

- \* Semantic models for topographic objects
- \* Iconic, structural and semantic hierarchies
- \* Semantic cartographic generalization
- \* Appearance models for topographic objects
- \* Process control by scene specific models
- \* Interaction between low and high level analysis
- \* Domain specific grouping
- \* Observability of topographic objects
- \* Representation and use of uncertainty
- \* Learning structural and semantic models
- \* Modeling user interaction in scene analysis

The workshop will consist of oral and poster presentations and will provide time for software demonstrations.

Please submit papers containing original work on one or several of the above

mentioned topics (max. 25 pages, 12pt, double spaced, including figures tables and references). The papers will be reviewed double blind. Please provide us with four copies, each of which should contain two title pages, one including the title, the authors names, their affiliation, e-mail addresses, an abstract (max. 150 words) and keywords, the other of the two pages only containing title, abstract and keywords.

In addition each paper should contain a summary page that answers the following questions:

1. What role does semantic modeling play in your work?
2. What is the primary significance of the work?
3. How is the paper related to previously published work?
4. How can other researchers make use of the work?

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TIMETABLE:

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- 16. December 1996 Full papers
- 20. January 1997 Reviews
- 20. February 1997 Notification of authors by e-mail if possible
- 28. February 1997 e-mail reply of authors (optional)
- 24. March 1997 Camera ready manuscripts are due
- 21.-23. May 1997 Workshop (3 days)

Please submit papers before 16. December 1996 to:

Prof. Dr.-Ing. Wolfgang Foerstner  
Institut fuer Photogrammetrie  
Nussallee 15  
D-53115 Bonn  
Germany

For latest information, visit the webpage:

<http://www.informatik.uni-bonn.de/~smati97/>

Email: [wf@ipb.uni-bonn.de](mailto:wf@ipb.uni-bonn.de) (Wolfgang Foerstner)  
[lutz@uran.informatik.uni-bonn.de](mailto:lutz@uran.informatik.uni-bonn.de) (Lutz Pluemer)

=====

>From: [depre@ds.enst.fr](mailto:depre@ds.enst.fr) (Elisabeth Depre)  
>Subject: QCAV'97 call for papers

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#####  
##  
## CALL FOR PAPERS  
##  
## QCAV'97  
##  
## INTERNATIONAL CONFERENCE ON QUALITY CONTROL  
##  
## BY ARTIFICIAL VISION  
##  
## May 28-29-30, 1997  
## Le Creusot, Burgundy, France  
##  
#####
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organized by LE2I (Universite de Bourgogne) and LABOMAP (E.N.S.A.M. de Cluny) in cooperation with IEEE Signal Processing Society French Chapter and CNRS GDR-PRC ISIS.

Sponsors:  
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Burgundy District Council  
Pole Imagerie de Bourgogne  
Universite de Bourgogne

International Scientific Committee:  
\*\*\*\*\*

Chairman: Ph. Bolon, France  
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Scientific Committee Members:  
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- R. Benslimane, Morocco P. Bonton, France
- J.M. Chassery, France J.S. Choi, Korea
- H. Emptoz, France C. Fernandez, Spain
- A. Gonzagua, Brasil P. Gorria, France
- S. Hata, Japan A. Ishii, Japan
- H. Jender, Morocco H. Koshimizu, Japan
- V. Lattuati, France B. Lavayssiere, France
- H.J. Lee, Taiwan L.C. Luo, Taiwan
- X. Maldague, Canada V. Murino, Italy
- C. Odet, France W.G. Oh, Korea
- S. Ozawa, Japan F. Preteux, France
- M. Rioux, Canada P. Salembier, Spain
- M. Takagi, Japan F. Truchetet, France
- M. Unser, USA R. Vaz, USA
- K. Yamamoto, Japan H.S. Yang, Korea

H. Zha, Japan

Organizing committee:  
\*\*\*\*\*

Chairman: E. Fauvet  
Finance: O. Lalignant  
Registrations: L. Lew  
Publications: S. Kohler  
Local arrangements: G. Bey, C. Coulot, A. Diou, C. Dumont, B. Lamalle,  
D. Libert, J. Miteran, P. Suzeau, Y. Voisin

The objective of the QCAV'97 conference is to provide a forum for researchers, industry, and users of vision systems to present and discuss the state-of-the-art in machine vision and image processing techniques, with an emphasis on industrial applications for quality control of manufactured products. The presentations will include contributed papers, poster sessions and invited speakers for state-of-the-art talks in specialized subjects related to the conference topics.

Papers describing original work concerning the theoretical and experimental aspects of image processing are invited. The organizing committee encourages the submission of papers which present industrial quality control applications of the methods and techniques described. The industrial applications can be in, but are not limited to, the following areas: printing industry, wood industry, paper industry, plastic industry, textile industry, farm-produce industry, metallurgy, radiography, satellite imaging, biomedical field, pharmaceutical industry.

Topics  
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o Defect detection o Aspect control  
o Classification o Real time control  
o Image sensors o Photogrammetry  
o 2D and 3D dimensional control o Control by Infrared thermography

Methods  
=====

o Image segmentation o 3D representations  
o Pattern recognition o Neural networks  
o Texture analysis o Fuzzy logic  
o Wavelets transforms o Genetic algorithms  
o Mathematical morphology o Data fusion  
o Stochastic modeling

Submission of summaries  
=====

Prospective authors are invited to submit three copies of a 2-3 page summary in English (including names of the authors, affiliations, postal and electronic mail addresses, telephone and fax numbers) to the Secretariat of QCAV97. The summary must point out the originality of the work compared to other work done in the same field. The authors are requested to indicate their preference for "oral" or "poster" presentation format.

Deadlines  
=====

Deadline for submission of summaries: 08 January 1997  
Notification of acceptance and manuscript instructions: 08 March 1997  
Deadline for final manuscripts: 15 April 1997

Proceedings will be published and made available on the conference dates.

Secretariat of QCAV'97  
=====

QCAV'97 Secretariat - IUT Le Creusot  
12 Rue de la Fonderie  
71200 Le Creusot  
FRANCE  
Tel: 03 85 80 30 30 (From France)  
Fax: 03 85 80 36 15 (From France)  
Tel: (+33) 3 85 80 30 30 (From other countries)  
Fax: (+33) 3 85 80 36 15 (From other countries)  
E-mail: [QCAV97@gere.u-bourgogne.fr](mailto:QCAV97@gere.u-bourgogne.fr)

Conference site  
=====

The conference will be held at IUT Le Creusot, Le Creusot, France. Le Creusot is situated at the heart of the Burgundy region, only 1.5 hours from Paris or 40 minutes from Lyon by the TGV train.

Cultural activities  
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Visit to a wine cellar and tasting of Burgundy wines.

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Elisabeth DEPRE GDR-PRC ISIS  
TEL : 45 81 73 60  
FAX : 45 81 77 45  
E-MAIL : [depre@ds.enst.fr](mailto:depre@ds.enst.fr)

=====  
>From: Jean-Daniel Boissonnat <[Jean-Daniel.Boissonnat@sophia.inria.fr](mailto:Jean-Daniel.Boissonnat@sophia.inria.fr)>  
>Subject: ACM Symp. on Comp. Geometry

CALL FOR PAPERS  
Thirteenth Annual ACM Symposium on COMPUTATIONAL GEOMETRY  
June 4-6, 1997  
Nice, FRANCE  
<http://www.inria.fr/prisme/scg97>

Papers and short communications are invited for submission.  
These may address either fundamental problems in geometric computing, or  
focus on applications including, but not limited to

robotics and virtual worlds,  
computer graphics,  
simulation and visualization,  
image processing,  
geometric and solid modeling,  
computer aided geometric design,  
manufacturing, and  
geographical information systems.

The conference has two tracks; an applied track, and a theoretical track.  
The applied track welcomes submissions that are application-oriented,  
including

representational and algorithmic issues arising from applications  
and implementation considerations,  
case studies of algorithms in application contexts,  
etc.

Authors wishing to submit to this track should send 15 copies of an extended  
abstract or paper or communication, to be received on or before December 17, 1996 to:  
Christoph M. Hoffmann  
Computer Science  
Purdue University  
West Lafayette, IN 47907-1398  
USA  
[cmh@cs.purdue.edu](mailto:cmh@cs.purdue.edu)  
Tel: +1--317--494--6185

The theoretical track welcomes submissions that are foundation-oriented  
including

analysis of geometric algorithms and data structures,  
theoretical issues arising from implementations,  
geometric optimization,  
analysis of geometric configurations, etc.

Authors wishing to submit to this track should send 13 copies of an extended  
abstract or communication, to be received on or before December 17, 1996 to:  
Raimund Seidel  
Univ. des Saarlandes  
FB 14, Informatik, Geb. 45, Raum 410  
D-66123 Saarbrücken  
GERMANY  
[seidel@cs.uni-sb.de](mailto:seidel@cs.uni-sb.de)  
Tel: +49--681--302--4448

In doubtful cases submissions to one track may be forwarded  
to the other for consideration, unless the authors have explicitly  
stated interest in one track only.

Submissions received past the deadline risk rejection  
without further consideration. Authors will be notified of acceptance  
or rejection by February~19, 1997. A full version of each accepted  
contribution in final form will be due by March 19, 1997, for  
inclusion in the proceedings. There will be joint proceedings,  
which will be distributed at the  
Symposium and will be subsequently available for purchase from ACM. A  
selection of accepted papers will be invited to special issues of  
journals.

Papers must present original research. An extended abstract  
should begin with a succinct statement of the problems/goals of the  
paper, the main results, and the significance of the work in the  
context of previous research. It should provide sufficient detail to  
allow the program committee to evaluate the validity, quality, and  
relevance of the contribution. The entire extended  
abstract should not exceed 10 double-spaced pages. An optional  
appendix may be included, but this will be used at the program  
committee's discretion.

Communications are limited to three pages and will be published in  
a separate section of the proceedings.  
They are meant for

reports on experimental results, on experiences with applications of computational geometry in real-world situations and other practical issues that are relevant to computational geometry, as well as for short notes of an algorithmic or combinatorial nature.

They will be presented as posters (possibly with implementation demos) at the conference.

For video submissions please consult the separate call for videos.

Preceding the symposium there will be a two-day workshop on geometric computing. Check the symposium's WWW-page for more information: <http://www.inria.fr/prisme/scg97>

Conference Chair: Jean-Daniel Boissonnat (INRIA Sophia-Antipolis)  
[Jean-Daniel.Boissonnat@sophia.inria.fr](mailto:Jean-Daniel.Boissonnat@sophia.inria.fr)

Program Committees:

Applied track:

Bernard Chazelle (Princeton Univ.)  
Jung-Hong Chuang (Natl. Chiao Tung U., Taiwan)  
David Dobkin (Princeton Univ.)  
Gerald Farin (Arizona State Univ.)  
Christoph Hoffmann (chair) (Purdue Univ.)  
Ming Lin (ARO)  
Joe Mitchell (SUNY Stony Brook)  
Nick Patrikalakis (MIT)  
Franco Preparata (Brown Univ.)  
Jarek Rossignac (Georgia Tech.)  
Hans Peter Seidel (Erlangen, Germany)  
Vadim Shapiro (Univ. of Wisconsin)  
Tamas Varady (Natl Academy, Hungary)

Theoretical track:

Nina Amenta (Xerox PARC)  
Tetsuo Asano (Osaka Electrocommunication Univ.)  
Ken Clarkson (Bell Labs)  
David Kirkpatrick (Univ. of British Columbia)  
David Mount (Univ. of Maryland)  
Stefan Naher (Univ. Halle)  
Richard Pollack (New York University)  
Claude Puech (Univ. Joseph Fourier, Grenoble)  
Gunter Rote (Technische Univ. Graz)  
Otfried Schwarzkopf (Pohang U. of Science & Tech.)  
Raimund Seidel (chair)(Univ. des Saarlandes)

#### CALL FOR VIDEOS

6th Annual Video Review of Computational Geometry  
To be presented at the Thirteenth Annual Symposium on Computational Geometry  
June 4–6, 1997  
Nice, FRANCE  
<http://www.inria.fr/prisme/scg97>

Videos are sought for a video review of computational geometry.

**BACKGROUND:** This video review showcases the use of computer graphics in computational geometry for exposition and education, as an interface and a debugging tool in software development, and for the visual exploration of geometry in research. Algorithm animations, visual explanations of structural theorems, descriptions of applications of computational geometry, and demonstrations of software systems are all appropriate. Videos that accompany papers or communications submitted to the technical program committee are encouraged.

**SUBMISSIONS:** Authors should send one preview copy of a videotape to the address below by February 15, 1997. The videotape should be at most eight minutes long (three to five minutes, preferred), and be in VHS NTSC (preferred) or VHS PAL format.

Each videotape must be accompanied by five (5) copies of a one- or two-page description of the material shown in the video and the techniques used in the implementation. Please format descriptions following the guidelines for ACM proceedings.

Additional materials describing the content of the videos, such as the full text of accompanying papers, may be included.

Videotapes and accompanying text should be sent to:

SoCG'97 Video Review Committee}  
c/o: Jack Snoeyink  
UBC Computer Science  
2366 Main Mall, rm 201  
Vancouver, BC, V6T 1Z4, Canada  
+ 604-822-8169

For customs purposes, it is best to declare a value of CND \$5.  
If you have questions, please contact the Committee Chair at [snoeyink@cs.ubc.ca](mailto:snoeyink@cs.ubc.ca) or phone +1--604--822--8169.

NOTIFICATION:

Authors will be notified of acceptance or rejection, and given reviewer's comments by February 28, 1997. For each accepted video, the final version of the textual description will be due by March 16, 1997 for inclusion in the proceedings. Final versions of accepted videos will be due May 1, 1997 in the best format available. The accepted videos will be edited onto one tape, which will be shown at the conference, distributed to the participants, and available from ACM after the conference.

Video Program Committee:

Alain Fournier (University of British Columbia)  
Mark Keil (University of Saskatchewan)  
David Salesin (University of Washington)  
Thomas C. Shermer (Simon Fraser University)  
Jack Snoeyink (Chair; University of British Columbia)

=====  
>From: [gina@ece.ucsb.edu](mailto:gina@ece.ucsb.edu) (Gina Kolakowski)  
>Subject: ICIP 97 Call For Papers

CALL FOR PAPERS:

IEEE Signal Processing Society  
1997 International Conference on Image Processing  
October 26-29, 1997  
Santa Barbara, California, USA

The Program

Sponsored by the Signal Processing Society of the Institute of Electrical and Electronics Engineers, ICIP-97 is an international conference on theoretical, experimental and applied image processing. It provides a unique and centralized forum for presentation of technological advances and research results by engineers and scientists working in Image Processing and associated disciplines. The conference will be held in the Fess Parker Red Lion Inn, in Santa Barbara, CA. For current and up-to date information, please check the ICIP'97 WWW page at <http://www.ece.ucsb.edu/icip97>.

SCOPE:

1. General Techniques & Algorithms:

Filtering, Enhancement, Restoration, Coding, Segmentation, Multiresolution Processing, Multispectral Processing, Image Representation, Image Analysis, Interpolation and Spatial Transformations, Neural Networks, Noise Modeling, Architectures and Software.

2. Computed Imaging:

Acoustic, Radar, Tomographic, Magnetic Resonance, and Geophysical Imaging, Radio Astronomy, Speckle Imaging, Computer Holography, Confocal Microscopy, Electron Microscopy, X-ray Crystallography, Coded-Aperture Imaging, and Real-Aperture Arrays.

3. Image Scanning Display and Printing:

Scanning and Sampling, Quantization and Halftoning, Color Reproduction, Rendering, Graphics and Fonts, Architectures and Software for Display and Printing, Visualization.

4. Video:

Multimedia, HDTV, Packet Video, Video Signal Processor Chips, Motion Estimation, Image Sequence Processing, Video Database, Low Bit Rate and Very Low Bit Rate Coding, Video over Wireless Channels.

5. Applications:

Application of image processing technology to any field, including biomedical sciences, astronomy, and the geosciences.

Information for Authors

Paper Submission

Prospective authors are invited to propose papers in any of the technical areas listed above. 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 number, (6) Fax number, and (7) electronic address to:

Prof. B. R. Hunt  
c/o Courtesy Associates  
655 Fifteenth St. NW  
Washington, DC 20005  
ATTN: Ms. Pamela Wagner ICIP-97

Each selected paper (four-page limit) will be published in the

Proceedings of ICIP-97, using high-quality paper for good image reproduction. Style file in LaTeX will be provided for the convenience of the authors.

#### Important Dates

Paper summaries / abstracts due: January 31, 1997  
Notification of Acceptance: April 25, 1997  
Camera-Ready Papers: June 13, 1997  
Conference: October 26-29, 1997

#### Organizing Committee

##### General Chair

Professor Sanjit K. Mitra  
Department of Electrical & Computer Engineering  
University of California, Santa Barbara, CA 93106-9560  
Tel: (805) 893-3957, Fax: (805) 893-3262, E-mail: [mitra@ece.ucsb.edu](mailto:mitra@ece.ucsb.edu)

##### Technical Program

Professor Bobby Hunt  
Department of Electrical Engineering  
University of Arizona, Tucson, AZ 85721  
Tel: (602) 621-6178, Fax: (602) 621-8076, E-mail: [hunt@ece.arizona.edu](mailto:hunt@ece.arizona.edu)

##### Special Sessions

Professor Ramesh C. Jain  
Department of Electrical & Computer Engineering  
University of California, San Diego, CA 92093  
Tel: (619) 534-8639, Fax: (619), E-mail: [rjain@ucsd.edu](mailto:rjain@ucsd.edu)

##### Tutorial Sessions

Professor Avideh Zakhor  
Department of Electrical Engineering & Computer Science  
University of California, Berkeley, CA 94720  
Tel: (510) 643-6777, Fax: (510) 642-2739, E-mail: [avz@eecs.berkeley.edu](mailto:avz@eecs.berkeley.edu)

##### Local Arrangements

Michael C. Ditmore, Director  
Systems and Software Consortium, Inc.  
211 Rametto Road, Santa Barbara, CA 93108  
Tel: (805) 964-6700, Fax: (805) 964-9010, Email: [SoftCons@aol.com](mailto:SoftCons@aol.com)

##### Finance

Professor C.-C. Jay Kuo  
Department of Electrical Engineering - Systems  
University of Southern California, University Park,  
Los Angeles, CA 90089-2564  
Tel: (213) 740-4658, Fax: (213) 740-4651, E-mail: [cckuo@sipi.usc.edu](mailto:cckuo@sipi.usc.edu)

##### Exhibits

Dr. Richard E. Twogood  
L-465, Lawrence Livermore National Laboratory  
University of California, P.O. Box 808, Livermore, CA 94550  
Tel: (510) 422-8595, Fax: (510) 422-3358, E-mail: [twogood@llnl.gov](mailto:twogood@llnl.gov)

Ms. Chung Bothwell  
L-465, Lawrence Livermore National Laboratory  
University of California, P.O. Box 808, Livermore, CA 94550  
Tel: (510) 423-3614, Fax: (510) 422-3358, E-mail: [bothwell@llnl.gov](mailto:bothwell@llnl.gov)

##### Publications

Dr. Lawrence E. (Skip) Hoff  
NRAD, RDT&E Division Code 8505  
53560 Hull Street, San Diego, CA 92152-5001  
Tel: (619) 553-4647, Fax: (619) 553-5366, E-mail: [hoff@nosc.mil](mailto:hoff@nosc.mil)

##### Publicity

Professor B. S. Manjunath  
Department of Electrical & Computer Engineering  
University of California, Santa Barbara, CA 93106-9560  
Tel: (805) 893-7112, Fax: (805) 893-3262, E-mail: [manj@ece.ucsb.edu](mailto:manj@ece.ucsb.edu)

##### Registration

Dr. Dan Ragovin  
Rockwell Science Center  
1049 Camino Dos Rios, P.O. Box 1085, Thousand Oaks, CA 91360  
Tel: (805) 373-4452, Fax: (805) 373-4775,  
E-mail: [dnr@risc.rockwell.com](mailto:dnr@risc.rockwell.com)

##### European Liaison

Professor Murat Kunt



Laboratoire de traitement des signaux  
Swiss Federal Institute of Technology (EPFL)  
CH-1015 Lausanne, SWITZERLAND  
Tel: +41-21-693 26 26, Fax: +41-21-693 26 03, E-mail: [kunt@epfl.ch](mailto:kunt@epfl.ch)

Far East Liaison

Dr. Takao Nishitani  
Communications Research Laboratory  
C&C Systems Research Laboratories  
NEC Corporation, 4-4-1, Miyazaki 4-Chome, Miyame-ku, Kawasaki,  
Kanagawa, 216Tokyo, JAPAN  
Tel: +81-44-856-2118, Fax: +81-44-856-2232  
E-mail: [takao@dsp.cl.nec.co.jp](mailto:takao@dsp.cl.nec.co.jp)

Conference Management Liaison

Ms. Pamela Wagner  
Courtesy Associates  
655 Fifteenth Street, N.W., Washington, D.C. 20005  
Tel: (202) 639-4804, Fax: (202) 347-6109, Home Tel: (703) 821-2892

-----  
Gina Kolakowski, CIPR Assistant  
ECE Department, Engineering I, Rm 3162  
Univ. of California, Santa Barbara, CA 93106  
Telephone: (805) 893-8555  
FAX: (805) 893-3262  
e-mail: [gina@ece.ucsb.edu](mailto:gina@ece.ucsb.edu)

=====  
>From: ugur halici <[halici@rorqual.cc.metu.edu.tr](mailto:halici@rorqual.cc.metu.edu.tr)>  
>Subject: Special Session on Pattern Recog.,Image Processing & Computer, Vision

\*\*\*\*\*  
Call for Summaries and Participation

SPECIAL SESSION on  
-----  
PATTERN RECOGNITION, IMAGE PROCESSING and COMPUTER VISION  
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2nd International Conference on  
COMPUTATIONAL INTELLIGENCE  
AND NEUROSCIENCE

Sheraton Imperial Hotel & Convention Center,  
Research Triangle Park, North Carolina/March 2-5, 1997  
\*\*\*\*\*

A special session on Pattern Recognition, Image  
Processing and Computer Vision is to be organized within  
the 2nd International Conference on Computational  
Intelligence and Neuroscience.

Papers are sought on neural network applications or  
biologically inspired approaches related to pattern  
recognition, image processing and computer vision.

Prospective authors are requested to contact the session  
organizer

Ugur Halici,  
Dept. of Electrical Engineering  
Middle East Technical University,  
Ankara, 06531, Turkey  
fax: (+90) 312 210 12 61  
email: [halici@rorqual.cc.metu.edu.tr](mailto:halici@rorqual.cc.metu.edu.tr)

by email or fax as soon as possible in order to show  
their interest and receive information on the paper  
format. Papers will be accepted based on summaries,  
which must be received before November 30, 1996 for  
this session.

ICCN is part of the Third Joint Conference Information  
Sciences(JCIS), Sheraton Imperial Hotel & Convention  
Center, Research Triangle Park, North Carolina/March 2-5,  
1997

ICCN Conference Chairs:

-----  
Subhash C. Kak, Louisiana State University  
Jeffrey P. Sutton, Harvard University

JCIS Honorary Chairs:

-----  
Lotfi A. Zadeh & Azriel Rosenfeld

Plenary Speakers:

-----  
James S. Albus / Jim Anderson / Roger Brockett /  
Earl Dowell / David E. Goldberg / Stephen Grossberg /  
Y. C. Ho / John H. Holland / Zdzislaw Pawlak /  
Lotfi A. Zadeh

ICCIN Web site: <http://www.csci.csusb.edu/iccin>

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Well, this should be plenty for one mailing. Once again, I would like to commend Karl Tombre for doing a wonderful job of chairing TC10 and for making it a very active society that it is today.

Your new TC10 chairman,

--  
Atul K. Chhabra Phone: (914)644-2786  
NYNEX Science & Technology Fax: (914)644-2561  
500 Westchester Avenue Email: [atul@nynexst.com](mailto:atul@nynexst.com)  
White Plains, NY 10604, USA

TC10 WWW URL: <http://www.iapr-tc10.or.kr/>  
TC10 News submissions and subscription requests to: [atul@nynexst.com](mailto:atul@nynexst.com)