

# *Technical Committee* **NEWSLETTER**



IEEE Computer Society Technical Committee on  
**PATTERN ANALYSIS AND MACHINE INTELLIGENCE**  
May 1995

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Membership in the Technical Committee on Pattern Analysis and Machine Intelligence is open to individuals who demonstrate willingness to actively participate in the various activities of the TC. A member of the IEEE Computer Society may join the TC as a full member. A non-member of the Computer Society may join as a participating member, with approval from at least one officer of the TC.

This newsletter is an irregular publication of the TC. Contributions are certainly welcome. Opinions expressed in contributions are those of the individual author rather than the official position of the TC, the IEEE Computer Society, or organizations with which the author may be affiliated. Editor's address: Kevin Bowyer and Dmitry Goldgof, Department of Computer Science and Engineering, University of South Florida, Tampa, FL 33620.

## MESSAGE FROM THE EDITOR

It is probably apparent to everyone that our newsletter is published on an "irregular" basis. One of the reasons for this is that some effort is required to bring together enough material to put together an issue. There is relatively little (essentially no) unsolicited material that arrives for inclusion in the newsletter. Since there are so many meetings, it is tempting to let meeting announcements and calls for papers take up a substantial part of the newsletter. But that may not be the type of thing that makes the newsletter worthwhile to read. In an attempt to make the newsletter easier to produce and more valuable to the people who receive it, here are some questions that I would like to get responses on:

What WOULD be valuable for you to have in the newsletter?

meeting announcements?

Ph.D. abstracts?

technical report lists?

book reviews?

reviews of workshops and meetings?

abstracts of papers recently published in different journals in our area?

something else?

Would you give up a paper copy of the newsletter if it was available on the www?

We should mention that the newsletter is on the net. To view it point your favorite viewer to "<http://marathon.csee.usf.edu/PAMITC/>". Please, visit and email your comments.

An easy way to join the TC is to access the home page (see details in "From the TC Chair") and fill in the on-line forms. Please recommend this to colleagues who are not already members. (If you don't get this newsletter now, you are not on the current membership list.)

Kevin Bowyer

Dmitry Goldgof

## FROM THE TC CHAIR

My two years as TC Chair have gone by rapidly and with at least a few changes. The TC is doing well financially; almost all of our conferences have been financial successes as well as technical successes. We have enough money to mail out our newsletter, and we have also started making it available through the World Wide Web. (Check out our home page:

<http://www.cs.washington.edu/research/vision/pamitc.html>

and send additions to Andy Berman, [aberman@cs.washington.edu](mailto:aberman@cs.washington.edu).) We have approximately 800 members, and we will soon be able to reach most of them electronically. Our meetings have been and continue to be the most respected in the field of computer vision.

The next meeting of the PAMI TC will be at 8pm June 20, 1995, during the International Conference on Computer Vision. A preliminary agenda is included in this newsletter. We have some important votes at that meeting: the locations of the next two ICCVs and the election of the new TC Chair. Because not all of our members can come to ICCV, a ballot for the chair election is included. If you are not able to attend the meeting, you may fill out and return the ballot to:

Patty Mackiewicz  
Attn: IEEE PAMI TC Ballot  
Computer Science Department  
Carnegie Mellon University  
5000 Forbes Ave.  
Pittsburgh PA 15213 USA

The candidates on the ballot have already been nominated, and there is space for write-in nominations. There will also be nominations from the floor at the ICCV meeting, as usual. The votes at ICCV will be added to the written ballots to determine the winner. Because we want to be sure everyone votes only once, please print your name clearly on the envelope. Names will only be used to determine who has already voted. If you are planning to come to ICCV, it would be best to wait and vote there after the nominations from the floor.

Note that the voting for ICCV locations is done *only* at ICCV, by our current TC rules.

I have enjoyed my chairmanship and hope the work I have done has helped the TC.

Linda G. Shapiro

**BALLOT**  
**ELECTION OF CHAIR FOR 1995-7**  
**IEEE COMPUTER SOCIETY TECHNICAL COMMITTEE ON**  
**PATTERN ANALYSIS AND MACHINE INTELLIGENCE**

Vote for one or write one in.

θ Kevin Bowyer

θ Keith Price

θ

# IEEE Computer Society PAMI Technical Committee Meeting

June 20, 1995: 8 p.m.

## TENTATIVE AGENDA: Version 2.0

Please send additions and corrections to: shapiro@cs.washington.edu

### I. Announcements:

1. Membership Results: R. Krishnan
2. 1995 Budget: L. Shapiro
3. PAMI Page in Computer Magazine: L. Shapiro

### II. Reports:

1. ICCV95: E. Grimson

### III. Meeting Announcements/Approvals:

1. International Symposium on Computer Vision  
D. Goldgof, G. Medioni, S. Negahdaripour, T. Huang (Nov 1995)
2. CVPR96: K. Ikeuchi and B. Bhanu  
June 1996, San Francisco
3. 3rd CAD-Based Vision Workshop  
O. Camps, P. Flynn, G. Stockman (June 1996)

### IV. Issues for Discussion:

1. The PAMI Society: A. Kak
2. Electronic Newsletter: D. Goldgof
3. IAPR Delegates
4. Proceedings Packages for TC Members
5. CVPR '97 again (St. Thomas? Hawaii?)
6. ICCV '97 location
  - a. Beijing proposal: Ma, Huang, Faugeras, Ohta, A. Jain;
  - b. Tel Aviv proposal: Yeshurun, Shashua, Weinshall, Edelman;
  - c. Singapore proposal: Mital, Aggarwal, Ullman
  - d. Taiwan proposal: Chen et al.
7. ICCV '99 location (Annecy, France (near Grenoble) proposal: Mohr, Horaud, Crowley)
8. ICCV Single Track?
9. Double Submissions (CVPR, ICCV, etc)

### V. Election of the TC Chair

## **Review of Workshop on Motion of Non-rigid and Articulated Objects**

Steve Seitz  
Department of Computer Science  
University of Wisconsin

The Workshop on Motion of Non-rigid and Articulated Objects was held November 11-12, 1994, in Austin Texas. The workshop was noted as being the first meeting of its kind in the computer vision community, and its success demonstrates that interest in non-rigid motion analysis has grown considerably in recent years.

The sessions were quite diverse, although distinct trends were evident. A substantial number of the speakers dealt with issues specific to the motion of humans, including the analysis of gait, facial motion, gestures, and hand motion. Other popular research areas included two sessions on independently moving objects and several papers on deformable models. The last session of the workshop was particularly strong and featured new techniques by Gear, Black & Jepson, and Soatto & Perona for identifying independently moving objects in a scene. The program consisted of thirty regular papers and two invited papers in all.

Moderated discussion periods concluded each of the nine sessions and the relatively small workshop atmosphere encouraged discussion and exchange of ideas. Several core problems were raised in these discussions that should help to motivate future work in the field. Two problems that emerged early on and came up repeatedly were the issues of motion correspondence and sensitivity to viewpoint. Several people commented on problems associated with tracking features and obtaining correspondences, a prerequisite for many motion analysis algorithms. There were a few papers devoted to the tracking problem, including a well-received paper by Baumberg and Hogg that offered a compelling approach to tracking contours using trainable active shape models. Another outstanding problem was sensitivity to viewpoint, which was explicitly treated by only a few papers in the workshop, but recognized as an important short-coming in the state-of-the-art in non-rigid motion analysis.

Although many of the 60 attendees were from U.S. universities, there was a strong international contingent and significant representation from government and industry. The timing of the workshop, in conjunction with the First International Conference on Image Processing (ICIP-94), proved strategic--a good percentage of the workshop participants attended both meetings.

The proceedings of the Workshop on Motion of Non-rigid and Articulated Objects number 235 pages and can be ordered from IEEE by calling 1-800-CS-BOOKS.

## Issues Surrounding the “VIDEA” Controversy

Some researchers in Austria recently circulated an article, in electronic form, that makes strong points about an alleged “bogus conference” and the effects that such events have on the scientific infrastructure. In this particular instance, the authors of the article had apparently been on the program committee of a previous instance of the conference and felt that the conference did not live up to its claims of reviewing the submissions. (The acronym for the conference name is VIDEA, and it is in the graphics area.) So they conducted their own test of the next instance of the conference. They submitted what they considered to be clearly nonsense abstracts. They received notification that their submissions were “provisionally accepted”, and that, in effect, one paid registration per paper was a condition for final acceptance and the paper appearing in the conference proceedings. From this, they conclude that the conference’s claim to review the submissions is false and that it exists only as a money-making venture. The organizers of the conference were, naturally, not pleased with this very public characterization of their conference. A response to the claims was circulated. And then a response to the response. We had permission to reprint the article making the claims about the conference and the article responding to the claims. As there is now a response to the response, and potentially more to come, it is not so clear that we can reprint enough to give the full picture. If you have not yet had the enjoyment of following the controversy, you should be able to get copies of the relevant electronic articles from the www site:

<http://www.cg.tuwien.ac.at/~wp/videa.html>

This incident should resonate to some degree with almost everyone in the computer vision community. The same ethical and professional issues arise in our field. There have been (are) some conferences in our field which have appeared, at least to some, to operate as it is alleged that the VIDEA conference operates. Conferences run by one organization in particular come to mind. I recall one accomplished senior person in our field explaining to me that he would travel to this organization’s conferences if he was invited and they paid his expenses, but that he would not take the time to prepare a paper to put in the conference proceedings. I also recall my own experience with the same organization when, in the course of organizing a conference of theirs, I felt some (mild) pressure to reconsider after deciding to reject what seemed like a modest fraction of the submissions. While this organization does not yet, to my knowledge, require payment for conference registration as a condition for a paper to appear in the proceedings, they do stress in their communications with authors how unprofessional it is for an author not to show up to present their paper. And it is a real worry for them — a non-trivial percentage of authors are “no shows” at their conferences. (I can think of yet another organization which puts on conferences in the computer vision area that does, in fact, require registration payment as a condition of publication of the accepted paper in the proceedings.) In contrast, one essentially never hears of an author failing to show to present a paper at CVPR or ICCV.

Of course, the situation is not limited to conferences. We have all at least heard of journals which seem to accept essentially all submissions and exist only to make money. There are now perhaps more than a dozen journals in which to publish papers about computer vision and pattern recognition. Some of these have excellent reputations, some have mediocre reputations, and some have poor reputations. Also, it appears that some journals have good reputations within one area, say pattern recognition, but poor reputations in another, say computer vision.

Thus it is possible to get conflicting feedback about the same journal from different people.

Regardless of whether it is a conference or a journal, the core of the problem is in the process of reviewing and accepting papers. A claim that submissions are “reviewed” implies some level of guarantee for the sensibility and worthiness of accepted papers. Probably everyone would agree (?) that the best outlets for publishing are those with the reputation for the most careful and meticulous reviewing.

Quite likely many people are happy to be amused by the specific incident mentioned above and feel that that is the end of the subject. After all, many of the suggestions about things that one might do run counter to an individual’s short-term self-interest. But if one felt strongly that a proliferation of low-quality conferences and journals was not good for the health of the field, what could be done? There is a saying that “we have met the enemy, and they are us”. Conferences and journals cannot exist unless people submit papers to them and pay for proceedings or subscriptions. So the most obvious options for doing something are:

Don’t submit any paper to a conference or journal that you know has a poor reputation. Decline any “invited paper” to such a conference or journal.

Decline any invitation to chair, or be on the committee of, a conference run by an organization whose conferences have a poor reputation.

Decline any invitation to be on the editorial board of any journal which does not have an established reputation for careful reviewing.

Do not request that your library subscribe to journals of questionable quality.

Another step that is being taken by an increasing number of tenure review committees is to ask the acceptance rate of all conferences in which the applicant list publications.

## CALL FOR PAPERS

### IEEE INTERNATIONAL SYMPOSIUM ON COMPUTER VISION

**Biltmore Hotel**

**Coral Gables, Florida**

**November 20-22, 1995**

### Papers due May 22, 1995

#### GENERAL CO-CHAIRS:

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Linda Shapiro	U. of Washington
Ajit Singh	Siemens
J-P Thirion	INRIA
Massimo Tistarelli	U. Genoa
Baba Vemuri	U of Florida
Richard Weiss	U. Mass
John Weng	Michigan State U.
Steve Zucker	McGill

The Program will consist of parallel tracks of previously unpublished contributed papers, delivered either orally or as a poster. Contributions are sought on new research in all aspects of computer vision, including:

- Physics based vision
- Integration of modules and cues
- Active and real-time vision
- CAD-based vision
- Motion analysis and understanding
- Stereo
- Shape and object representation
- Object recognition
- Vision-guided robotics
- Medical computer vision
- Learning in computer vision
- Segmentation, grouping
- Low level processing
- Systems and applications
- Invariants, geometry

The conference is not limited to these topics, and authors may specify that a paper falls in two or more categories, or in a different category not listed. Categories are used to best match papers

with the expertise of the reviewers. As customary, all reviewing will be double blind.

**PAPER SUBMISSION:**

Four copies of complete manuscripts should be received no later than MAY 22, 1995 by Prof. Medioni at the address listed above.

Papers should be submitted IN FINAL, CAMERA-READY FORMAT with 2 columns on 8.5 by 11 sheets. Each column is limited to 3 1/4 inches in width and 8 7/8 inches in length with a 3/8 inch gutter between columns. The margins are 13/16 inch on each side, 1 1/16 inches on the top and bottom. Text is to be typed single-spaced in 10 point Times Roman (or closely resembling), with 12 point interline spacing. The first page of the paper, centered on the top below the top margin, should include the paper title, the authors' name and affiliation. Six pages are allowed for each paper, including references and illustrations. **PAPERS LONGER THAN 6 PAGES WILL BE REJECTED WITHOUT REVIEW.**

In addition to the manuscript, the submission should include the following:

- (1) A Slightly Different Title page — in which the name and addresses of the authors are replaced by one or more categories as listed above, or by other keywords that can be used to match submissions to reviewers.
- (2) Summary page -- attach answers to the following questions (please answer each separately):
  - (2.1) What is the original contribution of this work?
  - (2.2) Why should this contribution be considered important?
  - (2.3) What is the most closely related work by others and how does this work differ?
  - (2.4) How can other researchers make use of the results of this work?

This symposium is sponsored by the IEEE Computer Society.

For further online information, including formatting guidelines, see <http://marathon.csee.usf.edu/WCV/> on the WWW.



## CALL FOR PAPERS

### SECOND ASIAN CONFERENCE ON COMPUTER VISION ACCV'95

**5-8 DECEMBER 1995  
CONCORD HOTEL, SINGAPORE**

The Second Asian Conference on Computer Vision, ACCV'95, will be held in Singapore on 5-8 December 1995. The theme of ACCV'95 is "Computer Vision for the Twenty First Century". The conference will provide a forum for researchers to exchange up-to-date technical knowledge and experience. The conference will focus on theory as well as applications of Computer Vision. In addition to the technical sessions, there will be plenary, invited and tutorial sessions. The Keynote speakers will be Professor Anil Jain from Michigan State University, USA, and Professor Yoshiaki Shirai from Osaka University, Japan. A one day tutorial on 3-D DATA ACQUISITION, INTERPRETATION, AND MOTION ANALYSIS will be given by Prof. Shirai. Also, another one day tutorial on PATTERN RECOGNITION AND NEURAL NETWORKS will be given by Prof. Jain.

Papers describing original work in, but not limited to, the following research areas are invited:

IMAGE PROCESSING	LEARNING IN COMPUTER VISION
STEREO VISION	PATTERN RECOGNITION
MOTION ANALYSIS & TRACKING	ROBOT & MACHINE VISION
TEXTURE ANALYSIS	MOBILE ROBOTS & NAVIGATION
SENSOR FUSION	REMOTE SENSING
ACTIVE VISION	MEDICAL IMAGING
PHYSICS BASED VISION	REAL-TIME VISION SYSTEMS
INVARIANT FEATURES	PARALLEL ALGORITHMS
SEGMENTATION & GROUPING	APPLICATIONS OF COMPUTER VISION
FEATURE EXTRACTION	VIRTUAL REALITY
IMAGE UNDERSTANDING	IMAGE DATABASE & RETRIEVAL

#### SUBMISSION PROCEDURE

Papers must be written in English and should describe the work in some details. **THREE COPIES OF THE EXTENDED SUMMARY OF THE PAPERS** (1000 - 1500 words) must be submitted for review. Please include in the forwarding letter the author's name (underline SURNAME) to whom the correspondence should be addressed. Also include address, telephone and fax numbers, e-mail address, and the broad classification of your paper.

Upon acceptance, at least one of the authors will be required to register and then present the

paper. The length of the final papers in the proceedings will be limited to a maximum of 5 pages (5 mats A4 size, single space, font size 10, two columns format), including figures, tables and references. Accepted papers will be categorized in either oral presentation or poster sessions.

SELECTED PAPERS WILL BE CONSIDERED FOR PUBLICATION IN A FEW INTERNATIONAL JOURNALS.

#### INVITED SESSIONS

The Programme Committee is also soliciting proposals for invited sessions focusing on topics related to the theme of ACCV'95. An invited session is expected to have 5 to 6 papers on a specialized topic. Please submit your proposals to Dr Stan Li (his address is the same as the address given below) before 30 June 1995.

PLEASE SUBMIT THREE COPIES OF THE EXTENDED SUMMARY OF YOUR PAPER FOR REVIEW TO:

Mr Eric Sung, Technical Programme Chairman of ACCV'95  
c/o Research lab IV  
School of Electrical and Electronic Engineering  
Nanyang Technological University  
Nanyang Avenue, Singapore 2263  
Republic of Singapore  
Tel : (65) 799-5419, or (65) 799-5470  
Fax : (65) 791-2687  
E-mail: accv95@ntu.ac.sg

#### AUTHOR'S SCHEDULE:

30 June	1995	Submission of summary of the papers
31 August	1995	Notification of Acceptance
15 October	1995	Submission of Camera Ready Manuscripts

#### REGISTRATION FEE

The registration fee will be S\$ 480 (US\$ 350). A discount of S\$ 30 (US\$ 20) will be given to delegates who register before 15 October 1995. The tutorials registration fee will be S\$ 250 (US \$ 180). The payment should be made payable to "Nanyang Technological University".

#### TRAVEL

Specially priced Airline Tickets for attending the conference may be available from our official airline, SINGAPORE AIRLINES.

## ORGANISERS

School of EEE, Nanyang Technological University  
IEEE Singapore Section, Computer Chapter

## CO-SPONSORS

The International Association for Pattern Recognition (IAPR)  
The Inst. of Elect. Info. and Comm. Engineers of Japan (IEICE)  
Info. Processing Society of Japan (IPSJ)  
National Science and Technology Board (NSTB)  
The Inst. of Engineers, Singapore (IES)  
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Invited Sessions — Li, Stan  
Secretary — Chan, Kap Luk  
Local Arrangements — Er, Meng Joo  
Publications — Chutatape, Opas  
Publicity — Zribi, Mohamed  
Finance — Wang, Dan Wei

**Fifth International Conference on Computer Vision  
20 - 23 June 1995  
Massachusetts Institute of Technology  
REGISTRATION FORM**

Name \_\_\_\_\_

Affiliation \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State/Province \_\_\_\_\_

Zip/PostalCode \_\_\_\_\_ Country \_\_\_\_\_

Telephone \_\_\_\_\_ FAX \_\_\_\_\_

Electronic Mail Address \_\_\_\_\_

Conference Registration:	Member	NonMember	Student
Early Fee if paid before May 15	\$365	\$455	\$200
Fee if paid after May 15	\$440	\$550	\$250

Workshop Registration  
Context Based Vision                 \$80

Physics-Based Modeling in Computer Vision			
Early Fee if paid before May 15	\$100	\$125	\$60
Fee if Paid after May 15	\$125	\$155	\$80

Representations of Visual Scenes			
Early Fee if paid before May 15	\$80	\$100	\$40
Fee if Paid after May 15	\$100	\$125	\$70

Visual Information Management No Fee

Shape and Pattern Matching in Computational Biology			
Early Fee if Paid before May 15	\$30	\$40	\$20
Fee if Paid after May 15	\$50	\$65	\$25

Event Tickets (For students and/or accompanying guests only)  
\_\_\_\_\_ Banquet Ticket(s)   \$45 per person (included in member and nonmember fees)

TOTAL ENCLOSED: \$ \_\_\_\_\_

PAYMENT METHOD:      Check/Money Order made payable to MIT is enclosed.  
    \_\_\_ Credit Card      \_\_\_ Mastercard or      \_\_\_ Visa (Please check correct card).

AccountNumber \_\_\_\_\_ Expiration Date \_\_\_\_\_

Signature \_\_\_\_\_ (Required for credit card transactions).

Please return completed form and payment to:

MIT Conference Services Office,  
Room 7-111, Cambridge, MA 02139 USA

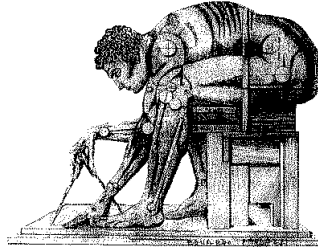
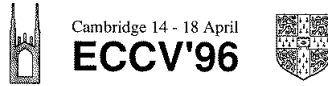
### Registration

The Registration Fee for the Conference is \$365 for members and \$455 for non-members if paid before May 15, and \$440 for members and \$550 for non-members if paid after that date or on-site. The student rates are \$200/early and \$250/late; the student fee does not include the banquet at the New England Aquarium. Persons registering at the student rate should send a photocopy of his/her current student identification with the registration form and payment; an identification will also be required upon arrival. The member and non-member fees includes admission to all conference sessions, materials, refreshments during each day, the Welcoming Reception on Tuesday evening, and the Banquet on Wednesday evening at the New England Aquarium.

To register for the Conference, please complete and return the enclosed form with payment to the MIT Conference Services Office, Room 7-111, Cambridge, MA 02139 USA. The fee may be paid by check or money order made payable in US currency to the Massachusetts Institute of Technology or via credit card with the appropriate information provided. Persons paying via Mastercard or VISA may do so via fax at 617-253-7002. Your registration will be confirmed upon receipt. Details regarding on-site registration and transportation directions will be included with the registration confirmation.

Cancellations received in writing prior to 15 May will be entitled to a refund less a \$40 processing fee; no refunds will be granted after that date. Substitutions may be made until the start of the Conference.

**Fourth European Conference on Computer Vision  
14 - 18 April 1996**



Conference Chairs:

Prof. Bernard Buxton (University College London)  
Dr. Roberto Cipolla (University of Cambridge)

Deadline for submission of papers	1 October 1995
Notification of acceptance	10 December 1995
Deadline for camera-ready manuscripts	20 January 1996
Conference begins	14 April 1996

A call for papers will be issued in the Spring. For further details of the call, conference programme, workshop facilities, and registration and local information please contact the Conference Secretariat:

ECCV' 96 Conference Contact	tel: 01223 323437
42 Devonshire Road	fax: 01223 460396
Cambridge CB1 2BL	
England.	e-mail: <a href="mailto:cc@confcon.demon.co.uk">cc@confcon.demon.co.uk</a>

Following the highly successful conferences held in Antibes, Santa Margherita Ligure and Stockholm, the Fourth European Conference on Computer Vision will be held from 14 - 18 April 1996 in Cambridge, England. The Conference is to be held under the auspices of the European Vision Society (EVS) and the British Machine Vision Association (BMVA).

The programme will consist of a single track of the highest quality, previously unpublished, contributed papers, delivered either orally or as a poster. Contributions are sought on new research on any aspect of computer vision.

All reviewing will be double blind by a Programme Committee of leading international researchers selected by the Conference Board and, as usual for the European Conference, the proceedings will be published by Springer-Verlag.

Reduced registration fees will be available to students and to members of the EVS and national societies affiliated to the EVS.

Conference Chair:

Prof. Bernard Buxton (University College London)

Local Arrangements Chair:

Dr. Roberto Cipolla (University of Cambridge)

Conference Board:

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J-O.Eklundh (Royal Institute of Technology, Stockholm)  
O.D.Faugeras (INRIA, Sophia Antipolis)  
G.Granlund (Linköping University)  
D.Hogg (Leeds University)  
J.Koenderink (Utrecht State University)  
J.Mayhew (Sheffield University)  
R.Mohr (INPG, Grenoble)  
H-H.Nagel (IITB, Karlsruhe)  
B.Neumann (Hamburg University)  
G.Sandini (DIST, University of Genova)  
V.Torre (University of Genova)

In addition, as at previous Conferences, it is planned to hold a small number of specialised workshops on Friday 19 April immediately following the main meeting. Anyone interested in organizing a workshop is invited to contact the Conference Chairman ([b.buxton@cs.ucl.ac.uk](mailto:b.buxton@cs.ucl.ac.uk)).

Jonathan Lawn ([jml@eng.cam.ac.uk](mailto:jml@eng.cam.ac.uk))

## The Computer Vision Home Page

Did you ever read a paper on, say, the latest texture segmentation technique, then wish you could see how it performs on more than the one or two images included in the paper? Ever wanted to generate realistic test data without spending thousands of dollars on rendering software? Ever wanted to scan the abstracts of the latest proceedings even though the library copy is always out? You can.

The tremendous growth of Internet bandwidth and the popular World Wide Web protocols have made all of these possible, even easy. As a visual medium, the Web is ideal for the dissemination and display of images and image processing results. Lots of information is already available, but how can you find it?

The Computer Vision Home Page is a collection of many vision-related resources available on the Internet. It is written in the form of several Web hypertext documents that contain pointers to more than 5000 test images, FTP and GOPHER archives, publications, source code, newsgroups, conferences, and more than 100 research groups' home pages. It also includes a searchable index of over 8,000 documents located within four links of the Computer Vision page.

Online since early 1994, the Computer Vision Home Page has proved a popular resource. It is the most frequently accessed research-related page at Carnegie Mellon' s Computer Science web server, with well over 2000 requests each week.

The page is really just a starting point, leading to resources all over the globe. Some of these include: the multi-megabyte FTP archives at Teleos; the gigabyte PEIPA GOPHER archive in the UK; the ECVNet Web archive in Italy; the new all-legal texture database at MIT; complete hypertext Vision Systems course notes; source code for a dozen different optical flow methods, camera calibration, DataCube multitasking, ray tracing and animation; and an incredibly detailed *searchable* index of the Rosenfeld bibliographies.

The continued success of the Computer Vision page depends on you! Send suggestions for improvements (anything important that' s been left out, links that fail for several days) to Mark Maimone at [mwm@cmu.edu](mailto:mwm@cmu.edu).

*To access the Computer Vision Home Page, run a program that knows about the World Wide Web (e.g., Mosaic, Netscape) and open one of these URLs:*

```
http://www.cs.cmu.edu/~cil/vision.html //  
http://www.cs.cmu.edu/~cil/txtvision.html
```

*The first one includes a few icons but is therefore slower to load, so you might prefer the second which is text-only. Even if you are not directly connected to the Internet, you can still access much of the information by sending an email message to [agora@mail.w3.org](mailto:agora@mail.w3.org) with the body:*

```
send http://www.cs.cmu.edu/~cil/txtvision.html
```

*You'll get a very poorly formatted copy of the vision page, but one which has all the same information. BTW, this is only an experimental service, and will not deliver image or archive files.*

Mark Maimone

## Survey on Important Qualities of Journals

Below are listed some factors that you may possibly consider in selecting a journal to which to submit a paper. Please rank the considerations by placing a number from 1 to 5 to the left of each, where a 1 is “most important” and a 5 is “least important”. You may rank more than one factor at the same level of importance if you wish. You do not have to rank all factors.

- \_\_\_\_\_ average time to make an accept / reject decision
- \_\_\_\_\_ average time until an accepted paper appears in print
- \_\_\_\_\_ circulation (the number of subscriptions to the journal)
- \_\_\_\_\_ reputation for careful, thorough reviewing
- \_\_\_\_\_ how well-known the people on the editorial board are
- \_\_\_\_\_ reputation for selectivity (high rejection rate)
- \_\_\_\_\_ a priori likelihood of acceptance (low rejection rate)
- \_\_\_\_\_ limitations on page length of accepted articles
- \_\_\_\_\_ restrictions on color figures appearing in the paper
- \_\_\_\_\_ reputation of editor(s) / editorial board
- \_\_\_\_\_ number of reprints provided / cost of reprints
- \_\_\_\_\_ page charges policy of the journal
- \_\_\_\_\_ whether or not you personally have a subscription to the journal
- \_\_\_\_\_ whether or not your library has a subscription to the journal
- \_\_\_\_\_ whether or not the journal is sponsored by a professional society
- \_\_\_\_\_ other: \_\_\_\_\_
- \_\_\_\_\_ other: \_\_\_\_\_
- \_\_\_\_\_ other: \_\_\_\_\_

Mail the form back to:

Kevin Bowyer  
Department of Computer Science and Engineering  
University of South Florida  
Tampa, Florida 33620

Results will be summarized in a future issue.

## Results of Survey on Important Qualities of Journals

There were not a lot of responses to the survey (<10), but the results may be interesting anyway. Recall that the request was to rank some properties on a scale of 1 "most important") to 5 ("least important"). The properties and the individual responses for each are tabulated below. The properties have been re-ordered to appear approximately in order from most important to least important.

reputation for careful, thorough reviewing .....	1, 1, 1, 1, 1, 2, 2
circulation (the number of subscriptions) .....	1, 1, 1, 2, 2, 2, 3
average time to make an accept / reject decision .....	1, 1, 2, 2, 3, 3, 3, 3
reputation of editor(s) / editorial board .....	1, 2, 2, 2, 3, 4
reputation for selectivity (high reject rate) .....	1, 1, 2, 2, 3, 4, 5
average time until an accepted paper appears in print .....	1, 2, 3, 3, 4, 4
how well-known the people on the editorial board are .....	2, 2, 2, 3, 3, 4, 4, 5
a priori likelihood of acceptance (low reject rate) .....	1, 3, 4, 4, 4, 5, 5
limitations on page length of accepted articles .....	2, 3, 3, 4, 4, 4, 5, 5
restrictions on color figures appearing in the paper .....	2, 3, 5, 5, 5, 5, 5
whether the journal is sponsored by a society .....	2, 3, 4, 4, 5, 5
whether your library has a subscription .....	2, 2, 4, 5, 5, 5
whether you personally have a subscription .....	2, 3, 4, 4, 5, 5, 5
number of reprints provided / cost of reprints .....	3, 4, 4, 5, 5, 5
page charges policy of the journal .....	4, 5, 5, 5, 5, 5

## **Announcements**

### **TC nominations for IFIP Reps**

To TAB OpComm and ExComm:

At the November TAB meeting, TC Chairs were asked by Paul Borrill to submit names of persons to fill U.S. (FOCUS) representative to IFIP vacancies for TC11-Security and Protection, 12-Artificial Intelligence, and 13-Human-Computer Interaction. At the March TAB meeting, the outcome of the vacancies and TAB nominations were not clear.

U.S. TC Representative appointments have been confirmed by the FOCUS Secretariat: The previous TC reps for TC 11 and 13 were re-elected. The new rep for TC-12 is Professor Daniel O' Leary.

Paul Borrill wishes to thank you all for submitting names for consideration for these vacancies.