

Newsletter 16

Hello everybody,

Since last mailing, I got so many new information that I have to send out this new TC10 news.

First, I found recently in the Usenet news the announcement of an interesting session at the Association of American Geographer's 1995 Meeting. This is directly related to TC10's interests:

>From: wyc@bu.edu (Ye Cheng Wu)
>Newsgroups: sci.image.processing
>Subject: CFP: Automatic Map Input: Problems and Prospects, AAG 95
>Date: 8 Jun 1994 14:26:36 GMT
>Organization: Boston University
>Keywords: Call for papers, AAG 1995, Chicago

The Association of American Geographers' 1995 Meeting will take place in Chicago, IL, USA on March 14-18th, 1995. As chair of the session, "Automatic Map Input Systems, Problems and Prospects", I will be organizing the session.

If you are interested in giving a paper and believe that your paper fits into this session, please send me an email with a brief abstract.

The topics will include all issues involved in automatic map input, namely, image scanning, raster to vector conversion, image thinning, image thresholding and segmentation, map text recognition, color layer separation, system development and design, etc.

Deadline for Program Participation Forms (Abstracts, Sessions, and Fees) is September 1st, 1994.

Ye Cheng Wu, Ph.D.
Able Software Co. - Automated Raster to Vector Conversion Systems
5 Appletree Lane, Lexington, MA 02173
Phone: 617-862-2804
Fax: 617-862-2640
EMail: able@world.std.com

Second, I posted some time ago the call for papers for the French national symposium on document analysis (CNED'94). The final program is now out; as it is in French I will only post the headlines of the sessions; a full program is available on request for those who read French and are interested.

CNED'94
SESSIONS PARALLELES (30' par papier)

Mercredi 6 Juillet

14 H 15 - 16 H 15 : 2 sessions parall?es
16 H 30 - 18 H 30 : 2 sessions parall?es

Session Reconnaissance des chiffres manuscrits
Chairman P. Gentic

Session Mod?isation de la lecture et de l'?riture
Chairman C. Faure

Session Signature et authentification
Chairman G. Lorette

Session Applications neuronales
Chairman B. Dorizzi

Jeudi 7 Juillet
9 H 45 - 11 H 15, 11 H 30 - 12 H 30: 2 sessions parall?es

Session Reconnaissance de l'?rit
Chairman JP. Crettez

Session Analyse de dessins techniques, plans et documents cartographiques
Chairman A. Bela?

Vendredi 8 Juillet
9 H - 10 H 30: 2 sessions parall?es

Session Ecrit et multimodalit?Chairman L. Likforman

Session Analyse et reconnaissance de document
Chairman H. Emptoz

Vendredi 8 Juillet
10 H 45 - 12 H 15

Session Concepts et outils pour les SIC
Chairman M. Bar?

Session : Segmentation de documents
Chairman J Camillerap

CNED'94
SESSION POSTER Jeudi 7 juillet 14 H 15 - 15 H 45

CNED'94 6, 7 et 8 juillet 1994, Rouen
Patronages: AFCET, AFIA, INRIA, ARC
Subventions:
Conseil Rgional de Haute Normandie
Universit?de Rouen - IUT
DGA
MCS
SRTP
CNRS
France TELECOM

Bulletin d'inscription [disponible sur demande avec le post complet]

I also got a call for papers for an image processing conference in
Edinburgh, UK:

Fifth International Conference on
Image Processing and its Applications

Heriot-Watt University,Edinburgh, UK

3-6 July 1995

CALL FOR PAPERS

Aims

This conference is the fifth in the successful series on image processing organised by the Institution of Electrical Engineers and aims to provide a forum for the exchange of new results in the area of image processing. It is planned to hold a day of tutorials on 3 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 networks
 - 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. Architecture
 - 4.1 Acquisition
 - 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
 - 5.4 Forensic
 - 5.5 Security and surveillance
 - 5.6 Remote sensing
 - 5.7 Transport
 - 5.8 Industrial inspection
6. Other

Contributions

Papers will be selected on the basis of technical quality, timeliness and potential stimulation of broad ranging discussion. The quality of preparation and presentation expected will be very high. In addition to lecture theatre presentations a selection of papers will be presented in poster sessions. This has become an increasingly popular method of presentation as it offers good opportunities for one-to-one discussion.

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)
Indication of results and applications

The abstract should be received by the secretariat on or before 28 October 1994.

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, less if illustrations are included, submission of which must be accompanied by a deposit of #50 towards the Conference registration fee.

Deadlines

Intending authors should note the following deadline dates:

Receipt of Synopses 28 October 1994
Notification of provisional acceptance December 1994
Receipt of full typescript for final review 8 March 1995

Exhibition

An small exhibition will be held in conjunction with this conference, providing an opportunity for attendees to examine and discuss available hardware, software and systems in detail. The exhibition will also include a comprehensive book display. Potential exhibitors should complete the attached reply slip for further information.

Working Language

The working language of the Conference is English which will be used for all printed material, presentations and discussion.

Programme and Registration

A provisional programme and registration form will be published a few months before the Conference, and sent to all who complete and return the attached form.

Venue

The Conference will be held at Heriot-Watt University in Edinburgh which is located approximately 8 miles from the City Centre. Sessions will take place in the James Watt Centre and the Hugh Nesbit Building.

Scholarship scheme

Student IEE members and Younger IEE members presenting papers at this conference may be eligible for an IEE Scholarship to assist with the costs of registration fees and reasonable accommodation charges. Please indicate on the reply slip for further details.

Bursary scheme

Limited financial support may be available to overseas participants presenting papers at this conference. Please indicate on the reply slip if you wish to receive further information.

Organisers

The Conference is being organised by the Electronics Division of the Institution of Electrical Engineers, in association with:

- * The British Computer Society
- * British Machine Dision Association
- * The Institute of Electrical and Electronic Engineers (UKRI Section)
- * The Institute of Physics
- * Royal Television Society
- * UK Industrial Vision Association
- * IEE Scottish Centre

Secretariat

IPA95 Secretariat
IEE Conference Services
Savoy Place
London WC2R 0BL
Tel : + 44 (0)71 344 5478/5477
Telex : 261176 IEE LDN G
Fax : + 44 (0)71 497 3633
Email: conference@iee.org.uk

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Please complete in BLOCK Capitals.

To: IPA95 Secretariat
IEE Conference Services
Savoy Place
London WC2R 0BL, UK

Fax: + 44(0)71 497 3633
Email: conference@iee.org.uk

I am interested in the Conference and require copies of the provisional programme and registration form.

I wish to offer a contribution Provisionally entitled :

.....

Paper category - 1st choice..... 2nd choice.....

My preferred method of presentation is lecture theatre poster

I require further details of the Scholarship

Bursary
Exhibition

Name:.....

Organisation:.....

Address:.....

.....

Postcode/Zipcode:.....Country:.....

Telephone:.....Fax:.....

May 94 IPA 95

A major event for IAPR is of course ICPR. The program is now out; I won't post it in its full details but here is a general announcement with registration information and pointers to sites where you can ftp more information :

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12th ICPR : INTERNATIONAL CONFERENCE ON PATTERN RECOGNITION
9-13 October 1994
Renaissance Hotel, Jerusalem
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The 12-ICPR contains about 220 presentations organized in four tracks, with a total of 56 sessions:

- o COMPUTER VISION AND IMAGE PROCESSING - 25 Sessions
- o PATTERN RECOGNITION AND NEURAL NETWORKS - 19 Sessions
- o SIGNAL PROCESSING - 7 Sessions
- o PARALLEL COMPUTING - 5 Sessions

In addition, about 230 papers will be presented in poster form.

The program committees did their best to achieve a high-quality and balanced technical program. Combined with the inspiring location at Jerusalem, we are certain that the 12th ICPR will be a rewarding and memorable experience.

In addition to the excellent technical program, an exciting range of TUTORIALS, SOCIAL EVENTS, and TOURS will be offered. For example, the BANQUET is planned to be a Bedouine Feast on the shore of the Dead Sea.

In the remainder of this mailing, you will find:

- 12-ICPR Conference Registration Form (E-Mail registration possible!)
 - 12-ICPR Hotel Reservation Form (E-Mail reservations possible!)
 - How to get the TECHNICAL PROGRAM, TUTORIAL PROGRAM, and full REGISTRATION, HOTEL, and TOURING INFORMATION.
- Read the conditions on registration and hotel reservations, including cancellations, before booking!!!

* A note regarding hotel reservations: Jerusalem enjoys more visitors these *
* days than in any other period. This causes shortage in hotel rooms, and you *
* are urged to book your hotel as early as possible! *

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Date: _____
12-ICPR CONFERENCE REGISTRATION FORM

12-ICPR, 9-13 October 1994
Renaissance Hotel, Jerusalem

Last Name _____ First Name _____ Title: _____
Mailing Address _____

City/State/Code _____ Country _____
Phone _____ Fax _____ E-mail _____

Registration Fee Schedule:

_____ Advance On-Site or
IAPR Society and Member Number By Aug. 9 After Aug. 9

Member \$395 USD _____ \$455 USD _____
Non-member \$445 USD _____ \$495 USD _____
*Student \$195 USD _____ \$235 USD _____

One Tutorial \$160 USD _____ \$200 USD _____
Two Tutorials \$270 USD _____ \$330 USD _____
*Student - Each Tutorial \$ 50 USD _____ \$ 50 USD _____
Receptions for accompanying person \$ 40 USD _____ \$ 40 USD _____
Banquet for students and accompanying
persons (12 Oct): Quantity _____ \$ 40 USD _____ \$ 40 USD _____

Extra Conference Proceedings:
Quantity _____ \$110 USD _____

Full registration fee includes: all sessions, one copy of proceedings, coffee
breaks and all social events.
Banquet is not included for students and accompanying persons.

*Please bring a proof of full-time student status to the registration desk.
Tutorial registration at student's rates is on a waitlist basis only.

Morning Tutorials, Sunday, Oct. 9, 1994. Check at most one:

_____ A1: O. Faugeras - "Invariant Theory for Pattern Recognition"
_____ B1: Yann le Cun - "Neural Networks in Pattern Recognition"
_____ C1: S. Furui - "Speech Recognition Techniques"
_____ D1: T. Bernard, V. Cantoni, and M. Ferretti - "Special Chips for
Pattern Recognition and Image Processing"
_____ E1: H. Samet - "Geographic Information Systems"

Afternoon Tutorials, Sunday, Oct. 9, 1994. Check at most one:

_____ A2: R. Haralick - "Image Analysis with Mathematical Morphology"
_____ B2: H. Baird - "Document Image Analysis"
_____ C2: M. Tekalp - "Digital Video Processing"
_____ D2: R. Hummel - "Parallel computing methods for Object Recognition"
_____ E2: A. Jain - "Statistical Pattern Recognition"

TOTAL PAYMENT for Registration: US\$ _____ METHOD OF PAYMENT (Check one):

Check Bank Transfer Visa American Express
Card Number _____ Expiration date _____

Cardholder's name _____

Cardholder's signature _____ Date: _____

- The check should be payable to "12-ICPR" in US dollars.
- The Bank Transfer should be made to the credit of the following account.

International / 12-ICPR
Account Number 412716
Israel Discount Bank, Branch 100
4 Rothschild Blvd.
66881 Tel-Aviv, Israel
Please enclose a copy of the transfer document with the registration form.

E-Mail this registration form to: icpr@math.tau.ac.il

or Mail/Fax to:
12-ICPR, c/o International
P.O.Box 29313
61292 Tel-Aviv, Israel
Tel: +972-3-510 2538
Fax: +972-3-660 604

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Date: _____
12-ICPR HOTEL RESERVATION FORM

12-ICPR, 9-13 October 1994
Renaissance Hotel, Jerusalem

E-MAIL, MAIL, FAX, or phone your reservation by Aug. 9 to ensure
availability and special rates to the hotel of your choice.
Hotels in Jerusalem at the time of the conference are usually highly
busy. We will accept accomodation forms up to the conference, but
reservation is guaranteed ONLY for advanced registration.
** For more information, including TOURING, ftp the files "registration" **
** and "tourism" **

Last Name _____ First Name _____ Title: _____
Mailing Address _____

City/State/Code _____ Country _____
Phone _____ Fax _____ E-mail _____

I will share a room with: _____

Check-in Date _____ Check-out Date _____ (_____ nights)

Please indicate at least three choices for hotel: Use "1" for highest
priority, "3" for lowest. A Deposit of US\$200 per room is needed for
categories A/B/C, and a deposit of US\$100 per room is needed for D/E.

Hotel category Single Double

A \$174-\$190 \$187-\$209
B1 (Conf. Site) \$100-\$118 \$131-\$133
B2 \$100-\$118 \$131-\$133

C1 (Walking Dist.) [] \$71- \$80 [] \$79-\$102
C2 [] \$71- \$80 [] \$79-\$102
D [] \$59 [] \$71
E (Rooms in Homes) [] \$35- \$42 [] \$46- \$55

Total Hotel Deposit: US\$ _____ METHOD OF PAYMENT (Check one):
[] Check [] Bank Transfer [] Visa [] American Express
Card Number _____ Expiration date _____
Cardholder's name _____

Cardholder's signature _____ Date: _____

- The check should be payable to "12-ICPR" in US dollars.
- The Bank Transfer should be made to the credit of the following account.
International Ltd.
Account Number 396699
Israel Discount Bank, Branch 100
4 Rothschild Blvd.
66881 Tel-Aviv, Israel
Please enclose a copy of the transfer document with the registration form.

E-Mail this registration form to: icpr@math.tau.ac.il
or Mail/Fax to:
12-ICPR, c/o International
P.O.Box 29313
61292 Tel-Aviv, Israel
Tel: +972-3-510 2538
Fax: +972-3-660 604

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You could get the following files by FTP or E-Mail:
"announcement" - The file including this announcement.
"advance-program" - Includes the Advance Technical Program.
"tutorials" - Includes the Tutorial Program and Abstracts.
"registration" - Includes Registration and Hotel Information.
"tourism" - Information on tourist activities (Pre and Post Conference Tours).

These files can be retrieved by E-Mail as follows:
Send E-Mail to ftpmail@cs.huji.ac.il having the following lines:

open
cd pub/ICPR
get advance-program
get tutorials
get registration
get tourism
quit

To use anonymous ftp, connect to:
<ftp.huji.ac.il> (user: anonymous. Password: your E-Mail).
Once logged on, perform the following ftp commands:

cd pub/ICPR
get advance-program
get tutorials
get registration
get tourism
quit

These files can also be retrieved by E-Mail as follows:
Send E-Mail to ftpmail@cs.huji.ac.il having the following lines:

open
cd pub/ICPR
get advance-program
get tutorials
get registration
quit

Paper versions of the Advance Program will be mailed in late June 1994. If you will not get a copy in a couple of weeks, you can request a copy be sending E-Mail to icpr@math.tau.ac.il.
This address should also be used for any other communication regarding the 12-ICPR.
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The First IEEE conference on image processing has also now completed its program. Here is registration information:

FIRST IEEE INTERNATIONAL CONFERENCE ON IMAGE PROCESSING
November 13-16, 1994
Austin Convention Center, Austin, Texas, USA

REGISTRATION INFORMATION

Sponsored by the Institute of Electrical and Electronics Engineers (IEEE) Signal Processing Society, ICIP-94 is the inaugural international conference on theoretical, experimental and applied image processing. It will provide a centralized, high-quality forum for presentation of technological advances and research results by scientists and engineers working in Image Processing and associated disciplines such as multimedia and video technology, as well as image processing applications in areas such as the biomedical sciences and geosciences.

CONFERENCE ENVIRONMENT

ICIP-94 will be held in the recently completed state-of-the-art Convention Center in downtown Austin. The Convention Center is situated two blocks from the Town Lake, and is only 12 minutes from Robert Mueller Airport. It is surrounded by many modern hotels that provide comfortable accommodation for \$75-\$125 per night.

Austin, the state capital, is renowned for its natural hill-country beauty and an active cultural scene. Within walking distance of the Convention Center are several hiking and jogging trails, as well as opportunities for a variety of aquatic sports. Live bands perform in various clubs around the city and at night spots along Sixth Street, offering a range of jazz, blues, country/Western, reggae, swing and rock music. Day temperatures are typically in the upper sixties in mid-November.

An exciting range of EXHIBITS, TUTORIALS, SPECIAL PRODUCT SESSIONS, and SOCIAL EVENTS will be offered.

In the remainder of this mailing, you will find:

- ICIP-94 Conference Registration form
- ICIP-94 Hotel Registration Form
- Information on ICIP-94 Hotels in Austin, Texas

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ICIP-94 CONFERENCE REGISTRATION FORM

First IEEE International Conference on Image Processing
November 13-16, 1994
Austin, Texas USA

Personal Information: (PLEASE PRINT CLEARLY)

First Name _____
 Last Name _____
 Name Desired on Badge _____
 Title _____
 Affiliation _____
 Mailing Address _____
 City _____
 Country _____
 Phone _____ Fax _____
 E-mail _____

Registration Fee Schedule:

_____	Advance On-Site or	_____
IEEE Member	Number By Oct. 10	After Oct. 10
IEEE Member	\$275 USD _____	\$325 USD _____
Non-members	\$375 USD _____	\$425 USD _____
*Student	\$100 USD _____	\$100 USD _____
Tutorials each	\$100 USD _____	\$120 USD _____
*Student - Tutorials each	\$ 40 USD _____	\$ 40 USD _____
Banquet Quantity _____	\$ 50 USD _____	\$ 50 USD _____
Extra Conference Proceedings:		
IEEE Member Quantity _____	\$120 USD _____	
Non-Member Quantity _____	\$145 USD _____	

TOTAL PAYMENT _____

Tutorials: Sunday, Nov. 13, 1994
 (Please check at most one morning and one afternoon session.)
 _____ Session 1 AM Bernd Girod - Compression of Still and Moving Images
 _____ Session 2 AM Robert Haralick - Mathematical Morphology
 _____ Session 3 PM Martin Vetterli/Jelena Kovacevic
 Wavelets and Subband Coding
 _____ Session 4 PM Richard Blahut - Maximum-Likelihood Image Synthesis:
 An Introduction to Imaging Algorithms

*Please attach proof of student status
(copy of valid student ID or letter from Department Chair)

Registration fees include: all sessions, exhibits, one copy of proceedings, coffee breaks and social events. Registration does not include banquet.

METHOD OF PAYMENT (Circle one) Check Credit Card Other

Credit card type (Circle one) Visa American Express Mastercard

Card Number _____
Expiration date _____
Cardholder's name _____

Cardholder's signature _____
Delegates not using credit card facilities must forward a check, money order or bank draft payable to "ICIP-94" and drawn on a US bank or US branch of a foreign bank for the total amount in US dollars.

Check Number _____

Mail to:
Conference Management Services
3024 Thousand Oaks Drive
Austin, Texas 78746 U.S.A.
FAX: +512-327-8132
Phone: +512-327-4012

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ICIP-94 HOTEL RESERVATION FORM

First IEEE International Conference on Image Processing
November 13-16, 1994
Austin, Texas, USA

MAIL, FAX , or phone your reservation by OCT. 10 to ensure availability and special rates to the hotel of your choice. Be sure to mention the IEEE International Conference on Image Processing.

RESERVATION MUST BE ACCOMPANIED BY FIRST NIGHT'S DEPOSIT PLUS 13% TAX, OR AN ACCEPTED CREDIT CARD NUMBER AND SIGNATURE.

Last Name _____ First Name _____

Company / Organization _____

Mailing Address _____
(Please include Mail Stop)
City / State / Country / Postal Code _____

Phone (Work) _____ Phone (Home) _____

Arrival Date _____ Expected Time of Arrival _____ Departure Date _____

Room Desired: ___ Single ___ Double ___ Triple ___ Quad
*Please note: At the Four Seasons -- a Double is twin beds
Special Request: ___ non-smoking ___ smoking
Special Requirements _____ Number of people _____
Sharing a room with _____
If sharing a room, please return only one reservation card.

I authorize this hotel to charge my account for one night's deposit, including all applicable taxes.

Please Circle One: Master Card VISA American Express

Credit Card Number _____ Expiration Date _____

Signature _____
Reservations may be canceled 48 hours prior to arrival for a full refund of a deposit.

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ICIP-94 HOTELS IN AUSTIN, TEXAS

First International Conference on Image Processing, ICIP-94

All of the hotels listed are located within one mile of the Austin Convention Center. Please mail, phone, or fax your reservation request directly to the hotel of your choice by OCTOBER 10, 1994 to ensure that a room will be available. In order to receive the special rates for conference attendees, BE SURE TO MENTION ICIP-94. Reservations received after the block of rooms reserved for ICIP-94 is filled will only be confirmed on a space available basis and may not have the special group rate. Reservations must be accompanied by the first night's deposit and 13% tax, or an accepted credit card number and signature. *If you are planning to stay the weekend prior, PLEASE book your rooms EARLY to avoid conflict with other Austin events. Hotel space is limited in Austin.

Four Seasons Hotel
98 San Jacinto Boulevard

Austin, Texas 78701-4039
Telephone: + 512-478-4500
Fax: + 512-478-3117
Single Rate \$ 119.00
Double Rate \$ 129.00

The Four Seasons is located on Town Lake and is one block from the Convention Center. It is the headquarters hotel for ICIP-94. Hotel facilities include full health club, heated outdoor pool and 24 hour concierge services. The service is impeccable and the facilities are superior. Ten minutes from the airport - taxi fare should be around \$8.00.

Radisson Hotel on Town Lake
111 East 1st Street
Austin, Texas 78701
Telephone: + 512-478-9611
Fax: + 512-478-3227
Single/Double Rate \$ 75.00
Triple/Quad Rate \$ 85.00

The Radisson Hotel is three blocks and an easy walk from Austin's new Convention Center. The Radisson has a lakeside outdoor pool with nearby picnic areas and an 18.45 mile Hike and Bike Trail. The Radisson has complimentary airport transportation and complimentary covered parking.

Sheraton Austin Hotel
Austin, TX 78701
500 N. IH-35
Telephone: + 512-480-8181
Fax: + 512-482-0660
Single Rate \$ 86.00
Double Rate \$ 96.00

The Sheraton Austin Hotel has Italian marble throughout with Drexel Heritage furnishings and silk wall paper. It is located on historic and exciting Sixth Street. The Sheraton is three blocks from the Convention Center and 10 minutes by taxi from the airport. Ample complimentary garage parking is available for guests.

The Driskill
6th & Brazos Street
Austin, TX 78701
Telephone: + 512-474-5911
Fax: + 512-474-2214
Single Rate \$ 75.00
Double Rate \$ 85.00

The Driskill Hotel, built in 1886, is a State & Federal Historic landmark located in the heart of downtown Austin. The State Capitol, The University of Texas, Town Lake and Historic Sixth Street are all within walking distance. It is four blocks from the Convention Center and 10 minutes by taxi from the airport.

Omni Austin Hotel
700 San Jacinto Street
Austin, TX 78701
Telephone: + 512-476-3700
Fax: + 512-320-5882
Single Rate \$ 95.00
Double Rate \$ 95.00

The Omni Austin Hotel is a Four Diamond hotel located one block from Historic Sixth Street. It is only 5 blocks from the Convention Center. The Omni has a penthouse health club, sauna, outdoor pool and whirlpool. The Omni provides complimentary transportation from the airport as well as complimentary parking.

Hyatt Regency Austin
208 Barton Springs Road
Austin, TX 78704
Telephone: + 512-477-1234
Fax: + 512-480-2069
Single Rate \$ 99.00
Double Rate \$ 99.00
Triple Rate \$ 109.00

The Hyatt Regency is a downtown hotel in a nine-acre setting of landscaped terrain on Town Lake. It is eight blocks from the Convention Center. The Hyatt has an outdoor swimming pool and a ten mile Hike'n Bike Trail at the hotel's back door. Complimentary bicycles are available to hotel guests. General and valet parking is also available.

Austin Marriott at the Capitol
701 East 11th Street
Austin, TX 78701
Telephone: + 512-478-1111
Fax: + 512-478-3700
Single Rate \$ 92.00
Double Rate \$ 97.00

The Austin Marriott is ideally located at the intersection of I-35 and 11th Street, just 10 minutes from the airport. This AAA Four Diamond hotel offers a private concierge floor, airport transportation, and complete recreational facilities. The Convention Center is 10 blocks south of the hotel.

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For further details about ICIP-94, please contact:

Conference Management Services
3024 Thousand Oaks Drive
Austin, Texas 78746
Tel: 512/327/4012; Fax:512/327/8132
or email: icip@pine.ece.utexas.edu

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_ | ~. FIRST IEEE INTERNATIONAL CONFERENCE ON IMAGE PROCESSING / _ | _ / |
, * } November 13-16, 1994 | | _ | _ |
{ Austin Convention Center, Austin, Texas, USA | / | /
| / 94 | /
| / _ | _ | /

Finally, although this is more marginal for our TC10 community, I thought it might be interesting for some of you at least to know about this new international conference:

First International Conference on
Computer Vision, Virtual Reality and Robotics in Medicine
CVRMed'95
April 3-5, 1995
Nice, FRANCE

OBJECTIVES

The purpose of this first international conference is to present and publish the most innovative and promising research work in computer vision, virtual reality and robotics applied to medical problems:
1) to help diagnosis from multidimensional and multimodal images and
2) to assist therapy, especially in video surgery, interventional radiology, and radiotherapy.

This domain has undergone a tremendous increase over the past few years and will be a revolution for medicine in the coming decade.

This event follows a successful preliminary AAAI symposium organized in March 1994 at Stanford by N. Ayache (INRIA), E. Grimson (MIT), T. Kanade (CMU), R. Kikinis and S. Wells (chair) (both at Harvard Medical School and Brigham and Women's Hospital).

The topics addressed by this conference will include:

Therapy planning, simulation and control:

- .virtual and augmented reality applied to therapy control
- .virtual patients for surgical training
- .telepresence in medicine, telesurgery
- .image guided medical robotics
- .image guided therapy
- .using electronic anatomical atlases
- .virtual reality for rehabilitation

Registration problems in medicine:

- .3D localization of patients or surgical tools
- .on line tracking of patient or organ motion
- .nonrigid matching in medical images
- .registration of mono or multimodal medical images
- .registration with electronic anatomical atlases

Medical image understanding:

- .differential geometry and multidimensional images
- .motion, shape and texture analysis in medical images
- .building and using physical deformable models
- .segmentation of multidimensional medical images
- .spectral analysis in medical images
- .detecting measuring pathological evolution
- .building electronic anatomical atlases
- .statistical analysis of anatomical features
- .representation of pictorial anatomical knowledge

PAPER SUBMISSION

Four copies of complete manuscript should be received by Friday September 23, 1994, at the address:

Dr. Nicholas AYACHE
CVRMed'95 - INRIA
2004 Route des Lucioles - B.P.93
06902 Sophia-Antipolis Cedex - France

Papers should include:

- a) A title page including the names and addresses of the authors (with e-mail), an abstract of up to 200 words, and one or more categories as listed above or other keywords.

- b) A single page clearly answering the following questions:
1. What is the original contribution of this work?
 2. Why should this contribution be considered important?
 3. What is the most closely related work by others and how does this work differ?
 4. How can other researchers make use of the results of this work?
 5. If this work extends or relates closely to some other work you have published, please state precisely how it differs from that work?
 6. If any part of this work has been submitted to other conferences or workshops, please state where and how it is different?

c) a paper, limited to 18 double space pages (12 points) including figures and references, with a maximum of 7000 words.

Language policy:

Papers will be written in English. The organization will provide a French translation of the abstracts. Oral communications will be done in English. However, follow-up questions and discussions may be held in both languages.

CALENDAR

September 23, 1994: Submission deadline for receiving papers at INRIA
November 1994: Notification to authors
January 2, 1995: Camera ready received at INRIA
April 2, 1995: Pre-registration in Nice
April 3-5, 1995: Conference in Nice
April 6, 1995: Technical tour in Sophia Antipolis

PROGRAM COMMITTEE

Full length papers will be reviewed and selected by the program committee of the conference:

Chairman:

Nicholas AYACHE (INRIA, France)

Members:

Fred BOOKSTEIN (University of Michigan, USA)
Mike BRADY (Oxford University, UK)
Grigore BURDEA (Rutgers University, USA)
Philippe CINQUIN (Grenoble Hospital, France)
Jean-Louis COATRIEUX (INSERM, Rennes, France)
Alan COLCHESTER (Guy's Hospital, London, UK)
James DUNCAN (Yale University, USA)
Henry FUCHS (University of North Carolina, USA)
Guido GERIG (ETH-Z, Zurich, Switzerland)
Erik GRANUM (Aalborg University, Denmark)
Eric GRIMSON (MIT, USA)
Karl-Heinz HOEHNE (University Hospital Eppendorf, Germany)
Thomas HUANG (University of Illinois, USA)
Takeo KANADE (Carnegie Mellon University, USA)
Ron KIKINIS (Harvard Medical School, USA)
Jean-Claude LATOMBE (Stanford University, USA)
Tomas LOZANO-PEREZ (MIT, USA)
Charles PELIZZARI (University of Chicago, USA)
Richard ROBB (Mayo Clinic, Rochester, USA)
Paul SUETENS (KULeuven, Belgium)
Richard SZELISKI (DEC, Cambridge, USA)
Russ TAYLOR (IBM, Yorktown Heights, USA)
Demetri TERZOPOULOS (University of Toronto, Canada)
Jean-Philippe THIRION (INRIA, France)
Jun-ichiro TORIWAKI (Nagoya University, Japan)
Alessandro VERRI (University of Genoa, Italy)
Max VIERGEVER (University Hospital Utrecht, The Netherlands)
William WELLS (Harvard Medical School, USA)

SCIENTIFIC ORGANIZATION

G. MALANDAIN and Epidaure Group (INRIA, France)

PRACTICAL ORGANIZATION

The conference will take place at Hotel Meridien in Nice, France, at a prestigious address: 1, Promenade des Anglais (the heart of the French Riviera, right in front of the mediterranean sea!) from April 3 to 5, 1995.

The conference will be followed, on April 6, by a technical tour in Sophia-Antipolis, to visit the computer vision, graphics and robotics laboratories of INRIA (120 scientists).

The meeting will be composed of a single track of oral presentations (long and short) with a number of poster sessions.

The proceedings of the conference will be published by Springer-Verlag in the series "Lecture Notes in Computer Science".

We plan to have a selection of the best papers to appear in a dedicated book or a special issue of a journal.

LOCAL ORGANIZATION

The organizing body for the conference will be INRIA (National Institute for Research in Computer Science and Control) in Sophia Antipolis, France.

INFORMATION

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Well, that's it. I wish all those who go on holidays in the coming weeks a pleasant time.

Your IAPR TC10 chairman,

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