

Newsletter 54, January 1998

TC10 News #54

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Dear TC10 members and friends,

Welcome to issue #54 of TC10 News.

Due to the merger of my previous employer, NYNEX Corporation, with Bell Atlantic Corporation, my e-mail address and the TC10 web URL have changed. The new information is given below. Please make a note of these.

+-----+
| TC10 web site: <http://www.iapr-tc10.or.kr/> |
| |
| My e-mail address: atul@basit.com |
+-----+

Below, there are several calls for papers of direct interest to this list. These include workshops on diagrammatic representations, machine vision applications, computer vision systems, and pattern recognition.

I begin this issue with an update on the post workshop book on graphics recognition. The book is now in press.

-Atul

>From: Karl Tombre <Karl.Tombre@loria.fr>
>Subject: Update: Post GREC'97 Book

We have very recently received some info from Springer. We now have the volume number and the expected publication date.

@Book{tombre98c,
editor = "K. Tombre and A. K. Chhabra",
 title = "Graphics Recognition---Algorithms and Systems",
 publisher = "Springer Verlag",
 year = 1998,
 series = "Lecture Notes in Computer Science",
 volume = 1389,
 month = apr,
 note = "To appear"

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-Karl

>From: "Rangachar Kasturi" <kasturi@cse.psu.edu>
>Subject: New ACM Classification System

I was pleased to see that the new ACM classification system has a new subnode, Document Capture, which includes Graphics Recognition, OCR, Document Analysis, and scanning as sub classes.

Many changes were also made to the image processing and computer vision topics. I had provided some input on these issues at their request.

Complete classification system may be found at
<http://www.acm.org/class/1998>

ACM classification is used to classify the ACM digital library as well as in Computing Surveys journal and in The ACM Guide to Computing Literature. It is also used by many libraries and organizations to organize and classify literature pertaining to computer related information.

-Kasturi

>From: jjr@mip1-gw.ece.arizona.edu (Jeffrey J. Rodriguez)
>Subject: Southwest Symposium on Image Analysis and Interpretation, Tucson, USA

1998 IEEE SOUTHWEST SYMPOSIUM ON IMAGE ANALYSIS AND INTERPRETATION

April 5-7, 1998
Tucson, Arizona, U.S.A.

The third IEEE Southwest Symposium on Image Analysis and Interpretation is sponsored by The University of Arizona, The University of Arizona Foundation, and Arizona State University, in cooperation with the Tucson Section of the IEEE. The symposium will bring together researchers in academia, industry, and government from around the world (38% of the authors are from outside the U.S.) to discuss the latest advances in image analysis.

FOR FURTHER INFORMATION
Web page: <http://www.ece.arizona.edu/conferences/ssiai98>
General Chair: Jeff Rodriguez, rodriguez@ece.arizona.edu

KEYNOTE ADDRESS
"Image Analysis: Old Problems and New Challenges"
Professor Edward J. Delp
Purdue University

TECHNICAL PROGRAM
Image Segmentation Face Recognition
Image Enhancement SAR Image Analysis
Image Reconstruction Texture Classification
Wavelets and Fractals Document Image Analysis
Compressed-Domain Processing Biomedical Image Analysis
Multiresolution Image Analysis Color Image Analysis
Multispectral Image Analysis Remote Sensing

SIGHTSEEING/SOCIAL EVENTS
Sabino Canyon hike
Tour of Sonoran National Park & Arizona-Sonoran Desert Museum
Reception at the Breckenridge Brewery
Dinner at Daniel's Restaurant

>From: bernd.meyer@acm.org
>Subject: CFP: Visual and Diagrammatic Representations, Orlando, FL, USA

AAAI Fall Symposium Series 1998

FRVDR

Formalizing Reasoning
with
Visual and Diagrammatic Representations

To be held in
Orlando, Florida

October 23-25, 1998

Aims of the Symposium

Visual and diagrammatic notations hold huge potential for many areas of computer science. However, since computer science has traditionally focused on sequential linguistic or textual representations, this potential is, as yet, largely unrealized. Despite a revived and growing interest in visual representations in many applied and theoretical areas of computer science, the theoretical foundations of such notations are not well developed. In particular, reasoning with

visual representations can serve as a touchstone for our understanding of such notations, because here a synthesis of cognitive aspects and complex representational and computational aspects is required.

As yet, visual representations in computer science have only rarely been treated as a theoretical research topic in their own right, rather they have been looked at from an application point of view. In applications, however, visual representations are mostly used in an ad-hoc fashion with little or no underlying formal support. Due to this, no common methodology for handling visual and diagrammatic representations has emerged and formal techniques for their support are underdeveloped. In fact, many of the basic concepts underlying visual representations are not well understood.

In part this is because many different groups are working on particular aspects of visual representations being largely unaware of activities in the other groups. The primary aim of this symposium is to strengthen the dialogue among the diverse communities involved in the theory of visual representations and to unite closely related streams of research from the various communities, such as diagrammatic reasoning, visual language theory, qualitative spatial reasoning, and related subfields of HCI, logic, and linguistics.

TOPICS of INTEREST

- * Foundational issues
 - o essential characteristics of visual representations
 - o classification of visual representations
 - o diagram understanding and interpretation
 - o cognitive aspects of visual processing
 - o spatial knowledge representation
 - o qualitative versus quantitative visual information
 - o properties of animated and changing diagrams
 - o integration of multi-modal information
- * Formal methods
 - o diagram specification techniques
 - o diagrammatic knowledge representation and inference
 - o visual reasoning with diagrammatic programming languages
 - o modelling interaction with diagrams
 - o sound logical reasoning with diagrams
 - o mathematics of diagrams
 - o combination of diagrammatic knowledge and domain knowledge
- * Applications
 - o specification of visual languages
 - o automatic generation of visual language environments
 - o diagrammatic reasoning in AI applications
 - o spatial information systems
 - o design criteria for visual languages
 - o tools for developing visual arguments or proofs
 - o tools for programming with visual representations

Program Committee

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B. Chandrasekaran Ohio State University USA
Janice Glasgow Queen's University Canada
Volker Haarslev University of Hamburg Germany
Patrick Olivier University of Wales UK
Atsushi Shimojima ATR Labs Japan

Organization and Submission

Authors are required to send an extended abstract of not more than 5000 words by April 15 as a Postscript, PDF, or plain text file to bernd.meyer@acm.org. Papers on recent results as well as on work in progress are solicited. Contributions that provide an overview of some subfield are particularly invited.

In addition to paper presentations and ample time for discussions a system session centered around defined challenge tasks will be organized. Submissions for demos must be accompanied by a one page description for the workshop notes. Please watch the web site for details regarding the demo session. A letter of intent to submit a demo should be sent by April 15th.

All submissions should be send electronically by April 15 as PostScript or plain text files to bernd.meyer@acm.org. If you are unable to submit electronically, hardcopies can be sent to:

Bernd Meyer,
Ludwig Maximilians Universitaet Muenchen,
Institut fuer Informatik,
Oettingenstrasse 67,
D-80538 Muenchen, Germany

Important Dates

April 15 Deadline for extended abstracts
May 15 Letters of acceptance/rejection sent
July 1 Deadline for demonstration submissions
August 1 Letters of acceptance/rejection for demos sent
August 21 Camera ready copies for workshop notes due
September 9 Deadline for invited participants registration

September 23 Open registration deadline
October 23-25 Symposium in Orlando, Florida

Further Information

For all questions and further information visit the symposium's web site at
<http://www.pst.informatik.uni-muenchen.de/~bmeyer/FRVDR98/>
or mail to
bernd.meyer@acm.org

>From: gsdb@imagn.cib.na.cnr.it (Gabriella Sanniti di Baja)
>Subject: CFP: Workshop on Machine Vision Application, MVA'98, Makuhari, Japan

CALL FOR PAPERS

MVA'98: IAPR Workshop on Machine Vision Applications

November 17-19, 1998
Makuhari, Chiba, Japan

The Sixth IAPR Workshop on Machine Vision Applications will be held from November 17 through 19, 1998 at Fujitsu Makuhari System Laboratory, Chiba, Japan. The workshop is sponsored by the IAPR MVA Organizing Committee, Fujitsu Ltd. and a few others. The purpose of the workshop is to bring together researchers and practitioners from both academia and industry, and to exchange their knowledge and stimulate each other through intensive discussions on the following research topics.

MAIN TOPIC: Machine Vision and its Applications

1 Algorithms

Feature extraction, Range data and 3D analysis,
Motion and/or Image sequence analysis, Neural network
applications, Color image analysis, and related technologies.

2 Architectures

Intelligent sensors, VLSI image processor chips,
Massively parallel processing, Architectures for 3D
and/or motion processing, Image processing systems,
Software environment for image processor, and
related technologies.

3 Applications

*FA(Factory Automation):
Factory Automation, Mobile robots, and related technologies.

*ITS(Intelligent Transport Systems):
Disaster prevention and rescue, Security control, Navigation,
and related technologies.

*Multimedia:
Multimedia data-base, Map and engineering drawing database,
Map processing and map-based systems, 3D reconstruction from
maps or drawings, and related technologies.

*Others:
Civil and construction engineering, Agriculture, Forestry,
Fishery, and other applications.

The workshop will include about 100 papers for oral and poster presentations on the above topics. All presentations will be made in English. Those who wish to present a paper are requested to submit four copies of an extended abstract of 500-1000 words with at least one main figure by May 15, 1998 to

Prof. Katsushi Ikeuchi
Institute of Industrial Science, University of Tokyo
7-22-1 Roppongi, Minato-ku, Tokyo 106, Japan
Fax: +81-3-3401-1433
(E-mail: ki@iis.u-tokyo.ac.jp)

The abstract should contain the following information on its first page.

- 1) Title of the paper
- 2) Name(s) and affiliation(s) of the author(s)
- 3) Name and address of the person to be contacted,
and also his/her phone/fax number(s) and E-mail
address if available
- 4) Answers to the following questions:
 - a) What is the original contribution of this work?
 - b) Why should this contribution be considered important?

IMPORTANT DATES

The paper must be submitted no later than May 15, 1998.
Acceptance of the paper will be notified by July 15, 1998.
Final camera-ready papers are due on September 15, 1998.

IAPR MVA ORGANIZING COMMITTEE

Workshop Co-chairs
Mikio TAKAGI (Science University of Tokyo)
Shigeru SASAKI (Fujitsu)

Program Chair

Katsushi IKEUCHI (University of Tokyo)

FURTHER INFORMATION

For further information, please contact Prof. Katsushi Ikeuchi at the above address. Up-dated information will also be available at the following Web page:
<http://www.etl.go.jp/etl/gazo/mva98/>

>From: "Henrik I. Christensen" <hic@nada.kth.se>
>Subject: CFP: Intl. Conf. on Computer Vision Systems, Las Palmas, Spain

CALL FOR PAPERS 1st ICVS, LAS PALMAS, January 1999

TITLE: International Conference on Vision Systems

1. DATES & VENUE:

13-15 January 1999 at Las Palmas, Gran Canaria, Spain

2. MONEY & SPONSORS:

IAPR, ECVnet, EU-HCM (SMART & CAMERA) sponsorship.

3. COMMITTEES

Conference Committee:

General Chairman: James L. Crowley (IMAG)

Program Chairman: Henrik Christensen (KTH)

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4. SCOPE.

By vision systems we refer to fully integrated (and operational) systems. There has been a lot of research on component technologies as described in standard vision conferences like ICCV, ECCV, and CVPR. It is, however, characteristic that very little has been reported on fully INTEGRATED systems. Integration of component technologies requires not only vision techniques, but also understanding of fundamental concepts from basic computer science (like scheduling and planning), methods for handling of uncertainty, control theory (for interactive systems), etc. This conference focuses on methods and concepts for construction of fully integrated systems.

5. TOPICS.

The conference solicits papers on the following topics

- System architectures
- Methods for system synthesis and verification
- Active Vision systems
- Control of perception and attention
- Knowledge/system representation
- Multi-Agent systems and coordination
- Context modeling
- Cue integration
- Prototype systems
- Performance characterization & benchmarking

6. DEADLINES.

Official call for papers: January 5, 1998.

Second call for papers: March 15, 1998.

Submission of full papers: May 30, 1998.

Notification of acceptance: August 15, 1998.

Delivery of full accepted papers: September 30, 1998.

Conference: January, 1999.

7. INSTRUCTIONS FOR SUBMISSION

Papers of up to 20 pages (11 pt font, double spaced, including figures) should be sent in hardcopy so as to arrive at the address

Centre for Autonomous Systems
NADA/CVAP, Kungliga Tekniska Hogskolan
S-100 44 Stockholm, Sweden
ATT: ICVS

prior to the submission deadline.

8. PUBLICATION

The papers from the conference will be published as volume in the Computer Science series. A special journal issue will also be published with selected papers from the conference.

>From: prip99@newman.basnet.minsk.by
>Subject: CFP: Pattern Recognition and Information Processing, Minsk, Belarus

CALL FOR PAPERS

PRIP'99 Fifth International Conference on
Pattern Recognition and Information Processing

May 18-20, 1999
Minsk, Belarus

The conference will provide a forum for scientists and engineers to exchange up-to-date technical knowledge and experience and define ways of further development of this field. The conference will focus on both theory and applications.

The Conference is organized by:

Belarusian State University of Informatics and Radioelectronics,
(Belarus)
Technical University of Szczecin, Institute of Computer Science
& Information Systems (Poland)

in cooperation with:

Belarusian State University (Belarus)
Belarusian Academy of Sciences, Institute of Engineering
Cybernetics (Belarus)

Sponsored by

International Association for Pattern Recognition
Belarusian Association for Image Analysis and Recognition
Institution of Electrical Engineers (IEE) Belarus and Poland
Centers
IEEE Computer Society, Belarus Committee

Chairman of the Conference:
R.Sadykhov (Belarus)

Vice-Chairmen of the Conference:
J.Soldek (Poland)
S.Ablameyko (Belarus)

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A.Doudkin (Belarus)
Vice-Chairman :
G. Holowinski (Poland)

The topics of the Conference include, but are not limited to:

Pattern Recognition
Image Analysis
Signal Processing
Systems and Parallel Architectures for Signal and Image
Processing
Knowledge - Based Expert and Decision Support System
Application of Pattern Recognition and Image Analysis
3D Image Processing and Modelling

Working languages of the Conference: English and Russian.

Papers for the Conference can be submitted in any working
Conference
language (preferable English) in three copies in a camera-ready
format. Two copies of each paper will be sent out for review. If
the paper is accepted as it is, the third copy will be directly

used for publication in the Conference proceedings. The length of the submitted papers is restricted to 5 A4 pages. The text should be printed within 240(165 mm area in one column by 1.5 space and 12 point font of Times family.

The first page should include the title, author's name(s), complete mail and e-mail addresses, fax number. It should be centered, the title should be bolded and capitalized. The title, the author's name(s) and complete address are separated by one space. An abstract and the number of keywords must not exceed 100 and 6 correspondingly.

The headings should be centered and bolded. Leave space of two lines above and one line below these headings. All paragraphs should have a five space indentation.

3 copies of your paper should be submitted by November 15, 1998.

Please send 3 hard copies of your paper with 3.5(diskette in Microsoft Word, Word Perfect or LaTeX word processors to PRIP'99 Chairman.

Papers will be published in the Proceedings of PRIP'99 that will be available at the conference.

Paper submission November 15, 1998
Acceptance Notification February 15, 1999
Payment March 31, 1999

All other materials will be sent to authors of the accepted papers.

PRIP'99
Prof. R. Sadykhov
Department of Computer Systems,
Belarussian State University of Informatics and Radioelectronics;
ul. P. Brovki, 6
220600 Minsk, Belarus

Phone, Fax: +375-17-2310982
Phone: +375-17-2685164

E-mail: prjp99@newman.basnet.minsk.by

PRIP'99 home pages:
<http://www.bas-net.by/iec/conferen.htm>

>From: Antonis Gasteratos <agaster@demokritos.cc.duth.gr>
>Subject: CFP: Special Issue of PATTERN RECOGNITION on Morphology

Call For Papers
Special Issue of PATTERN RECOGNITION
Mathematical Morphology and its Applications

The special issue will focus, but not only, on the following topics:

- * Theory
- * Algorithms for Morphological Operations
- * Morphological/Nonlinear Filters
- * Segmentation/Watersheds
- * Multispectral/Color Image Analysis
- * Granulometry
- * Document Analysis
- * Hardware Structures/Architectures
- * Applications

Important Dates
December 4, 1998: Paper submission.
March 1, 1999: Notification of acceptance.

Manuscript submission
Authors should send two copies of their manuscript by December 4, 1998 to:
Dr I. Andreadis
Section of Electronics & Information Systems Technology,
Dept. of Electrical & Computer Engineering,
Democritus University of Thrace,
GR-671 00 Xanthi,
Greece.

[The following two journal CFP's have appeared in earlier issues of TC10 News. However, due to their relevance to this list, I am again including the CFP's below (in abbreviated form). For details, please see the respective web sites. --AKC]

>From: [espaa](mailto:espaa@soc.plym.ac.uk) <espaa@soc.plym.ac.uk>
>Subject: CFP: Pattern Analysis and Applications Journal

CALL FOR PAPERS

PATTERN ANALYSIS AND APPLICATIONS journal

<http://www.soc.plym.ac.uk/soc/sameer/paa.htm>

Springer-Verlag Limited

Springer Verlag Ltd is launching a new journal - Pattern Analysis and Applications (PAA) - in Spring 1998. Original Papers are now invited for the journal covering the following areas of interest:

Send your submissions to:

Sameer Singh
Editor-in-Chief, Pattern Analysis and Applications
School of Computing
University of Plymouth
Plymouth PL4 8AA
UK

Full information about the journal and detailed instructions for Call for Papers can be found at the PAA web site.

>From: ijdar@umiacs.umd.edu (David S. Doermann)
>Subject: CFP: International Journal on Document Analysis and Recognition

The International Journal on Document Analysis and Recognition (IJДАР)

New WWW Page
<http://documents.cfar.umd.edu/IJDAR>

CALL FOR PAPERS

The International Journal on Document Analysis and Recognition (IJДАР) will be published by Springer beginning in the first quarter of 1998 with a special issue containing award-quality papers from the 1997 ICDAR.

On behalf of the IJDAR editorial board, we would like to extend an invitation to you to submit a paper for review for publication in IJDAR. Below you will find information about the Aims and Scope of the journal, the editorial board and how to submit manuscripts.

In order to publish high quality papers quickly we are expediting reviews to three months and publishing with six months!

Please distribute this call for papers as appropriate.

We also encourage you to seek additional information about the journal, subscriptions and submissions on the IJDAR home page:

<http://documents.cfar.umd.edu/IJDAR>

>From: tista@massimo.dist.unige.it (Massimo Tistarelli)
>Subject: CFP: ECCV Workshop on Facial Image Analysis, Freiburg, Germany

Post-ECCV Workshop on

Advances in Facial Image Analysis and Recognition Technology

University of Freiburg, Germany
June 6, 1998

CALL FOR PAPERS

Many application domains exist which may benefit from the possibility to automatically detect, analyse or recognize images of human faces. Consider, as an example, surveillance and security, telecommunications and digital libraries, multimedia and medicine.

On the other hand, the advances in computer vision, image processing and communication science brought to the attention the feasibility of processing and extracting useful informations from human facial images.

This workshop will bring together researchers in different application domains on facial image analysis in an attempt to contribute to robust solutions for the many challenging problems related to this area. Moreover, the post-ECCV workshop on facial image analysis, will try to identify trends for future developments and the means for implementing applications based on face image analysis systems.

The workshop will consist of one day of technical presentations, with approximately 4 invited presentations and 16-20 orally presented papers (approximately 25 minutes).

Topics include but are not limited to:

- [o] Face and facial features detection and representation
- [o] Feature-based and iconic-based techniques for face representation and analysis
- [o] Face verification techniques
- [o] Face recognition techniques
- [o] Biometric and invariant measurements for face recognition
- [o] Head and face modelling techniques

[o] Psychophysics of human face perception and identification
[o] Applications and new challenges

[o] PAPER SUBMISSION

Three copies of complete manuscript should be received by March 31, 1998 at the address:

Massimo TISTARELLI
DIST-University of Genova
via Opera Pia 13
16145 Genova, Italy.
Phone/FAX : +39-10-353 2805/2154

Papers should include

- (a) A title page containing the names and addresses of the authors (including e-mail), an abstract of up to 200 words, and one or more categories as listed above or other keywords,
- (b) Paper - limited to 8 double column pages (ECCV Latex or Word style) including figures, references, etc.

[o] Key Dates:

- (a) Manuscript submission : March 31, 1998.
- (b) Notification of acceptance: April 30, 1998.

[o] WORKSHOP CHAIR

Massimo Tistarelli
Computer Vision Laboratory
DIST-University of Genova, Italy

[o] PROGRAM COMMITTEE

Josef Bigun
Department of Computer Science
Ecole Polytechnique Federale de Lausanne, Switzerland

Roberto Brunelli
Istituto per la Ricerca Scientifica e Tecnologica (IRST)
Trento, Italy

Enrico Grosso
Computer Vision Laboratory
DIST-University of Genova, Italy

Luc Van Gool
Department of Electrical Engineering
Katholieke University Leuven, Belgium

Alessandro Verri
Department of Physics
University of Genova, Italy

Thomas Vetter
Max-Planck-Institut
Tubingen, Germany

Harry Wechsler
Department of Computer Science
George Mason University, USA

<http://www.dist.unige.it/eccv98/>

>From: Andreas Polzer <polzer@uran.informatik.uni-bonn.de>
>Subject: CFP: ECCV Workshop on Learning in Computer Vision, Freiburg, Germany

WORKSHOP ON LEARNING IN COMPUTER VISION

in conjunction with ECCV '98
June 6, 1998
Freiburg, Germany

DESCRIPTION

In recent years rising computer performance has made it possible to exploit complex statistical models and to learn and estimate their parameters from an increasing amount of data. Therefore the issues of computational and statistical learning theory and Bayesian inference become more and more relevant for computer vision applications. Especially the related topics of generalization and choice of model complexity are of central importance in computer vision. Furthermore, the question of needed accuracy for optimization and parameter estimation turns out to be a closely related topic.

The application of methods from statistical learning theory and neurally inspired approaches in computer vision are rather diverse and learning in computer vision is by no means a homogeneous field. But the necessity becomes more and more evident to take a more fundamental point of view and to clarify the multiple implications

that the recent achievements of statistical learning theory have on computer vision problems. Statistical learning theory might have significant influence on many applications ranging from classification and statistical object recognition, grouping and segmentation to statistical field models and optimization. We are convinced that focussing on these joint aspects may yield a major contribution to the understanding and improvement of the diverse range of learning applications in computer vision. A workshop on learning in computer vision may greatly contribute to these goals.

WORKSHOP ISSUES

The workshop will focus on the latest developments of learning in computer vision and will try to clarify to what extent statistical learning theory and Bayesian inference support computer vision applications. The workshop will present high quality oral contributions on any aspects of learning in computer vision, including but not restricted to the following topics:

- * Supervised Learning and its application to classification, support vector networks and model learning
- * Unsupervised Learning for structure detection in images
- * Robustness of Computer Vision algorithms and generalization
- * Probabilistic model estimation and selection, e.g. Bayesian inference for vision

ATTENDANCE AND WORKSHOP FORMAT

The workshop will consist of invited keynote talks and regular talks in one track. For submissions please send an extended abstract of 1-2 pages by March 31, 1998 to

Workshop Learning in Computer Vision
c/o Prof. Joachim Buhmann
Institut fuer Informatik
Roemerstrasse 164
D-53117 Bonn
Germany

In case of more submissions than available time slots a selection will be made based on a peer review of the submissions by the program committee.

VENUE

The workshop will be held in Freiburg, Germany on June 6, 1998 in conjunction with the European Conference on Computer Vision (ECCV '98).

PROGRAM COMMITTEE

- * Joachim M. Buhmann, Chair (University of Bonn, Germany)
- * Andrew Blake (University of Oxford, UK)
- * Jitendra Malik (UC Berkeley, USA)
- * Tomaso Poggio (MIT, USA)
- * Daphna Weinshall (Hebrew University, Israel)

Local Organization: Andreas Polzer, Jan Puzicha (University of Bonn)

To obtain further information please contact:

WWW: <http://www-dbv.cs.uni-bonn.de/learning.html>
e-mail: jan@cs.uni-bonn.de

>From: Joaquim Salvi <qsalvi@songoku.udg.es>
>Subject: CFP: WESIC'98, Girona, Spain

WESIC'98
Workshop on European Scientific and Industrial Collaboration
on promoting Advanced Technologies in Manufacturing.

Co-Sponsored by IFAC

Organized by the Institute of Informatics and Applications
University of Girona
Girona (Spain) June 10, 11 and 12, 1998

The First WESIC Workshop on scientific and industrial collaboration to promote advanced technologies in manufacturing will take place 10-12 June 1998 in Girona, Spain. The aim of the Workshop is to provide a forum where companies, universities, institutes, and research centres may interchange experiences in meeting the needs of advanced technology in manufacturing systems. The workshop will be of particular interest to those companies and institutions that are interested in collaborating in scientific projects in their sector. The intention is to identify common points of interest in order to participate in collaborative actions such as: research agreements, integration of PhD students in european companies, transfer of technology, thematic networks, European Community research projects, etc.

The programme will comprise two days of presentations per sector (15 minutes for each presentation), and one day of specific meetings and round table discussions. Tutorial sessions giving guidelines for

completion of application forms will be given by experts, of both Universities and Companies.

The Workshop will focus on control and related technologies applied to the following subjects:

1. ROBOTICS INTEGRATED IN MANUFACTURING
2. CONTROL OF MECHATRONIC SYSTEMS
3. COMPUTER INTEGRATED MANUFACTURING
4. IMAGE PROCESSING & COMPUTER VISION
5. INTELLIGENT SYSTEMS IN MANUFACTURING AND CONTROL
6. QUALITY CONTROL
7. COMMUNICATIONS AND DISTRIBUTED SYSTEMS

The Programme Committee invites participants to submit one paper, outlining:

For companies: A clear description of the activity and the research interests for the future, with the intention of improving aspects such as design, productivity, and quality. Suggestions for tutorial or organised sessions are strongly appreciated.

For universities/research centres: A clear description of the main research activity, including industrial collaboration experiences and results achieved. Suggestions for tutorial or organised sessions are strongly appreciated.

Supported by

- Comision Interministerial de Ciencia y Tecnologia
- Fundacio Privada Universitat i Futur
- Diputacio de Girona
- Ajuntament de Girona
- Oficina d'Investigacio i Transferencia Tecnologica
- Generalitat de Catalunya

International Programme Committee:

Dr. Joan Battle (Chair). University of Girona. Institute of Informatics and Applications. Spain; Professor Alicia Casals. UPC-Polytechnical University of Catalunya. Spain; Professor Aarne Halme. Helsinki University of Technology. Finland; Dr. Serge Boverie. Siemens Automotive. Toulouse. France; Dr. Geoff Roberts. University of Wales College. Newport. UK; Dr Martyn Polkinghorne. South West Innovation Relay Centre. Plymouth. UK; Dr. Claudio Cappadozzi. Consorzio AURORA. Italy; Professor Urbano Stenta. University of Rome. Italy; Professor Volker Graefe. Universit't der Bundeswehr. Munich. Germany; Dr. Jos' de la Riva. Integral Interface. Madrid. Spain; Professor Job van Amerongen. University of Twente. The Netherlands; Dr. El M. Mouaddib. University Jules Verne. Amiens. France; Dr. Robert Milne. Intelligent Applications Ltd. Edimbourgh. Scotland, UK; Dr. Jean-Claude Laprie. Directeur du LAAS-CNRS. Toulouse. France; Dr. Marina Vassilaki. SPEED Company. Athens. Greece;

Important dates: Proposal for tutorials/organised sessions: March 16, 1998

Paper submission: April 15, 1998

Registration form: May 15, 1998

Workshop: June 10, 11 and 12, 1998

Submission of Papers:

One copy of the full paper (an activities abstract between 2 and 5 pages) should be submitted by mail, preferably in English, although any European language is welcomed. Papers must be structured as follows: Title of the paper (centered) Autor's Names (centered) Affiliation (centered)

Summary (Times New Roman 12, one inch margin, one inch at the top, one inch at the bottom).

Secretariat: WESIC'98. Patricia Eyskens. EIA Department.

email: patricia(eia.udg.es)

Tel: + 34.72.418474 +34.72.418956

fax: + 34.72.418098

Organising Committee. Prof. Josep Amat.UPC- Polytechnical University of Catalunya. Barcelona. Spain; Prof. Joseph Aguilar. LEA-SICA, IliA-University of Girona. Spain; Dr. Lothar Kaiser. Institut fuer Steuerungstechnik der Werkzeugmaschinen (ISW). Universitaet Stuttgart. Germany; Joaquim Salvi. Institute of Informatics and Applications - University of Girona. Spain; Anestis B.Michael. Technological Educational Institution of Kavala. Greece; Rainer Bischoff. Federal Armed Forces University Munich. Institute of Measurement Science. Germany; Torsten Schvnberg. Helsinki University of Technology. Finland.

Local Committee. Department of Electronics, Informatics and Automation. Dr. J.L. de la Rosa, Dr. Teodor Jov', Dr. J.L. Marzo, Joan MartP, Joaquim Salvi, Joaquim Melendez, Pere Ridao, MartP F~bregas, Pere Vil, LluPs F~brega, Orlando Contreras, Carles Pous, Josep Cortada, Albert Oller, Josep A.Ramon, Joaquim Armengol, Rafael Garcia, Jordi Freixenet, Josep Forest, Xevi CufP, Josep VehP, Quim de Ciurana, Lluís Ripoll, Narcis Gascons, Joan Cabarrocas, Joan A. Mayugo.

REGISTRATION FORM WESIC'98 Workshop

Name organisation/institution:
Contact Person:
Speaker's Name:
Address:
Telephone number:
Fax number:
Email:
Scientific Researchers: Manufacturers: Others:
(1)Subjects interested in: Others(detail):

Registration fee :160ECU (includes technical sessions and tutorials, coffee breaks and lunches, gala dinner and proceedings volume).

Please bill me

Please charge my credit card number:

Visa Card American Express

Eurocard Diners Club

I will pay by transfer to: 2030 0105 653110001275 (Caixa de Girona).

I will send a bank guaranteed cheque.

I am interested in information about travel and local arrangements.

(A double room in a **** hotel costs 37 ECU per night/person, breakfast buffet included. The rates for a single room are 58 ECU).

Double room from: to Number of nights:

Single room from: to Number of nights:

Please return this form by fax or post mail to the following address:

Escola PolitScnica Superior
Institut d'Inform.tica i Aplicacions
WESIC'98 (Srta. Patricia Eyskens)
Avda. Lluís Santal. s/n
17003 GIRONA (Spain)

Secretariat: WESIC'98. Patricia Eyskens. EIA Department.
email: patricia@eia.udg.es
Tel: + 34.72.418474 + +34.72.418956 fax: + 34.72.418098

Additional Information: Girona is a small city in the north-east of Spain, situated 100 km northerly from Barcelona and about 30 km from some of the nicest beaches of the Mediterranean. The city of Girona, an interesting historical environment, full of narrow medieval streets, is an excellent meeting place which will allow discussions and for sharing experience. Further information will be sent to all registrants.

(1)SUBJECTS INTERESTED IN:

1. ROBOTICS INTEGRATED IN MANUFACTURING
2. CONTROL OF MECHATRONIC SYSTEMS
3. COMPUTER INTEGRATED MANUFACTURING
4. IMAGE PROCESSING & COMPUTER VISION
5. INTELLIGENT SYSTEMS IN MANUFACTURING AND CONTROL
6. QUALITY CONTROL
7. COMMUNICATIONS AND DISTRIBUTED SYSTEMS

(Original Word Document at: <http://eia.udg.es/~qsalvi/wesic98.doc>)

>From: Eugene Santos <eugene@engr.uconn.edu>
>Subject: CFP: AI Meets the Real World '98 Lessons Learned!, Stamford, CT, USA

AI meets the Real World '98
Lessons Learned

Call for Participation

September 16 - 18, 1998

University of Connecticut -- Stamford Campus
Stamford, CT

Sponsored by: University of Connecticut
Honeywell Technology Center
US Air Force Research Labs -- Phillips Lab
DARPA

To a large and growing extent, techniques from the field of Artificial Intelligence are being applied in the implementation of fielded systems addressing practical problems in a wide range of domains, from manufacturing, to consumer services, to military and spacecraft operations, to name a very few. As a result, an informal and pragmatic practice of "AI engineering" has arisen, involving the identification, adaptation, and application of techniques including diagnostic systems, trend analysis and projection, uncertain reasoning and decision analysis, virtual environments/reality, training and tutoring systems, planning and scheduling, natural language parsing and generation, and parameter estimation and other forms of learning. The resulting systems range from large-scale, stand-alone intelligent systems, to embedded knowledge bases, to minor components of much larger applications.

As one might expect from a body of work largely developed within a common intellectual and philosophical tradition, what we have here broadly termed "AI techniques" have some common features. These approaches tend to be complex and computationally intensive and to require a great deal of understanding and

modelling, in some cases engineering, of the target domain and application for the approach to be successful.

The aim of this meeting is to bring together researchers, practitioners, and developers of intelligent systems throughout academia, industry, and government to discuss and disseminate lessons learned from successful (or unsuccessful) attempts to design, construct, field, and maintain intelligent systems. The meeting will consist of presentations, panel discussions, and invited speakers. Our hope is to build a better knowledge base of how to successfully apply and correctly use artificial intelligence in real world systems. This meeting is not intended as a forum for those who already deeply immersed in AI. We particularly welcome people who are considering an AI-based approach to their problem to attend and participate in these discussions.

We invite the submission of papers and topic ideas for panel discussions. Papers and presentations should be based on systems developed (or in progress) for real world use. Among the issues that might be of interest in such a presentation we would expect to find the following:

- What characteristics of the domain and the application lead to your choice of solution method? What alternative methods were considered and rejected? Were these choices revisited (and revised?) at some later point?
- What difficulties did you encounter? Which ones were expected? Unexpected?
- What was the final outcome? What qualifications or modifications of the original statement of the problem or system requirements were made?
- What lessons can be drawn from this experience, regarding:
 - +++ domains where particular AI techniques are or aren't useful?
 - +++ how to go about determining the utility of a technique in a new domain?
 - +++ pitfalls to beware in system design, implementation, etc., that are peculiar to intelligent systems?

We are also especially INTERESTED in soliciting questions/issues at all levels from both new and experienced systems builders on problems and approaches of using AI. Members of our program committee will attempt to answer and/or provide advice to these questions. These will be published in our printed proceedings. Of these, a select set of questions or general class of questions will be chosen for a special panel discussion session at the conference.

Up-to-date meeting information will be provided at:

<http://www.eng2.uconn.edu/~eugene/AIMTRW>

Proceedings of invited papers will be published.

Organizers

Meeting Co-Chairs -

Eugene Santos, Jr. (University of Connecticut -- Storrs)
Mark Boddy (Honeywell Technology Center, Minneapolis, MN)
Doug Dyer (DARPA)

Program Committee -

Sheila B. Banks (Air Force Institute of Technology)
Piero Bonissone (GE)
Jack Breese (Microsoft)
Wray Buntine (Ultimode)
Fabio Cozman (University of Sao Paulo)
Bruce D'Ambrosio (Prevision & Oregon State University)
Neal Glassman (Air Force Office of Scientific Research)
James Hendler (University of Maryland)
Chahira Hopper (Air Force Research Labs, Wright Lab)
Lewis Johnson (University of Southern California)
F. Alex Kilpatrick (Air Force Research Labs, Phillips Lab)
Michael B. Leahy Jr. (DARPA)
Claudia M. Meyer (NASA LERC)
Alan L. Meyrowitz (Naval Research Laboratory)
Doug Moran (SR)
Steve Rogers (Battelle)
Solomon Eyal Shimony (Ben Gurion University of the Negev)
Mike Shneier (Office of Naval Research)
Valerie J. Shute (Air Force Research Labs, Armstrong Lab)
Douglas Smith (Kestrel Institute)
Martin R. Stytz (Air Force Institute of Technology)
Abraham Waksman (Air Force Office of Scientific Research)
Fred A. Watkins (Hyperlogic)
Edward Wong (Polytechnic University)

Submission Guidelines

Authors should submit full papers addressing the above issues with a strong emphasis on "lessons learned." These will be evaluated for clarity of

presentation and significance of contribution to the community. All accepted papers will be presented either orally or through a poster session and will be made available in a printed proceedings. Papers may be submitted either electronically or in hard copy form. Electronic submission may take the form of PostScript files, ASCII, or LaTeX files. Authors should be careful to include all macro files necessary for LaTeX files as we will not be responsible for files which cannot be formatted. Figures for LaTeX should be PostScript files. Hardcopy submissions should have 1-inch margins on all sides and should be in 12-point type. Papers should be a maximum of 20 pages long, including figures and references. Names, address, and e-mail of authors and an abstract should be included at the beginning of each paper.

Hard copy submissions must arrive by May 15, 1998, and sent to

Eugene Santos, Jr. [ATTN: AIMTRW-98]
Computer Science and Engineering Department
University of Connecticut
UTEB, 191 Auditorium Rd., U-155
Storrs, CT 06269-3155
(860) 486-1458

Electronic submissions should be e-mailed by May 15, 1998, to

eugene@eng2.uconn.edu

Papers not meeting the deadline will not be considered.

Proposals for panel discussions and invited speakers should be e-mailed by May 15, 1997, to the above address.

For questions/issues, we solicit up to two (2) pages per question. Provide as much detail as possible for proper evaluation of the question by the program committee. We prefer electronic submissions to the above email address. Hard copy is welcome to the above address. These are also due May 15, 1998.

MEETING ATTENDANCE/PARTICIPATION

Due to the limited space available for this meeting, we request that those planning to attend send an e-mail by May 1, 1998 to

eugene@eng2.uconn.edu

stating your intent and whether you will be also submitting a paper.

Important Dates

May 1, 1998 Deadline for participation request
May 15, 1998 Deadline for paper submission
May 15, 1998 Deadline for question submission
May 15, 1998 Deadline for panel proposals, etc.
June 15, 1998 Notification of acceptance or rejection
June 29, 1998 Final camera-ready papers due
September 16 - 18, 1998 Meeting dates

>From: Alberto Broggi <broggi@CE.UniPR.IT>
>Subject: CFP: Engineering Complex Computer Systems, Maui, Hawaii, USA

CALL FOR PAPERS

ENGINEERING COMPLEX COMPUTER SYSTEMS MINITRACK

part of the Emerging Technologies Track of the 32nd Annual

Hawaii International Conference on Systems Sciences (HICSS)
Maui, Hawaii - January 5-8, 1999

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

* PURPOSES:

Nowadays complex computer systems are becoming common in many sectors, such as manufacturing, communications, defense, transportation, aerospace, hazardous environments, energy, health care, etc. These systems feature a number of different characteristics (such as distributed processing, heterogeneous computational paradigms, high speed networks, novel bus systems, or special purpose hardware enhancements in general) and performance requirements (such as real-time behavior, fault tolerance, security, adaptability, development time and cost, long life concerns). The concurrent satisfaction of the systems requirements have a considerable impact on the hardware characteristics and vice-versa. The analysis of the complete project, as a whole, is a major point in the design of the computer system itself and plays a basic role throughout the entire system life. The ECCS Minitrack, at its third year at HICSS, will bring together industrial, academic, and government experts from these various disciplines, to determine how the disciplines' problems and solution techniques interact within the whole system.

Researchers, practitioners, tool developers and users, and technology transition experts are all welcome.

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

* ADDRESSED TOPICS:

Papers are solicited on all major aspects of ECCS including:

- Real-time architectures, tools, environments and languages
- AI, intelligent, and autonomous systems
- Database and data management
- Virtual reality, multimedia, real-time imaging
- Algorithms, optimization and analysis
- Performance estimation, prediction and optimization
- Prototyping and testing techniques
- Formal methods and formal specification techniques
- Hardware/software co-design
- Communications, networking, mobile computing
- Highly heterogeneous, distributed and parallel platforms
- Case studies and project reports

* MINITRACK COORDINATORS

ALBERTO BROGGI
Dipartimento di Ingegneria dell'Informazione, University of Parma,
I-43100 Parma, Italy, Fax: +39 521 905723, Email: broggi@ce.unipr.it

MIKE HINCHEY
Real-Time Computing Laboratory, CIS, New Jersey Institute of Technology
Newark, New Jersey 07102 USA, Email: michael.hinchey@ul.ie

ALEXANDER D. STOYEN
President & CEO, 21st Century Systems, Inc., 420 Hardscrabble Road
Chappaqua, NY 10514-3030, Email: alex@21csi.com

* FURTHER AND UP-TO-DATE INFORMATION:

The Engineering Complex Computer Systems Minitrack is part of the Emerging Technologies Track. There are several minitracks that focus on a variety of research topics in this track. For more information contact:

Track Chair: Ralph H. Sprague, Jr., sprague@hawaii.edu
Track Administrator: Eileen Dennis, edennis@uga.cc.uga.edu
Phone: (706) 613-7807, Fax: (706) 542-3743

Further information about the ECCS Minitrack is available via WWW:

<http://www.ce.unipr.it/hicss>

* INSTRUCTIONS FOR SUBMITTING PAPERS:

1. Submit 6 (six) copies of the full paper, consisting of 20-25 double spaced typewritten pages including title page, abstract, references, and diagrams directly to:
ALBERTO BROGGI
HICSS'98 ECCS Minitrack Coordinator
Dipartimento di Ingegneria dell'Informazione
Universita' di Parma, I-43100 Parma, Italy
2. Do not submit the paper to more than one minitrack. The paper should contain original material and not be previously published or currently submitted for consideration elsewhere.
3. Each paper must have a title page which includes the title, full name of all authors, their complete address(es) including affiliation(s), telephone number(s) and Email address(es).
4. The first page of the paper should include the title and a 300-word abstract.

* DEADLINES:

JUNE 1, 1998: (Strict deadline)
Full papers submitted to Alberto Broggi.
AUGUST 31, 1998:
Notification of accepted papers mailed to authors.
OCTOBER 1, 1998:
Accepted manuscripts, camera-ready, sent to Alberto Broggi;
author(s) must register by this time.
NOVEMBER 15, 1998:
All other registrations must be received. Registrations received after this deadline may not be accepted due to space limitation.

* CONFERENCE PROCEEDINGS:

The conference Proceedings are published by IEEE Computer Society.

* BEST PAPER

An extended version of the best paper presented within the ECCS Minitrack will be published in the Newsletter of the IEEE Technical Committee on Complexity in Computing (TCCX).

* OTHER CONFERENCE TRACKS:

Other tracks included at HICSS this year are listed below. For more information about these tracks, please contact the Track Chair or check the HICSS web page for full listing of the minitracks.

- Collaboration Technology
Jay F. Nunamaker, Jr., nunamaker@bpa.arizona.edu
- Digital Documents
Ralph H. Sprague, Jr. sprague@hawaii.edu
- Emerging Technologies
Ralph H. Sprague, Jr. sprague@hawaii.edu
- Internet and the Digital Economy
Bob Blanning, Fax: + 852-2358-2421
Dave King, dave@comshare.com
- Modeling Technologies and Intelligent Systems
Dan Dolk, 0541p@vm1.cc.nps.navy.mil
- Organizational Systems and Technology
Hugh Watson, hwatson@uga.cc.uga.edu
- Software Technology
Hesham El-Rewini, rewini@cs.unomaha.edu

For more information, visit the HICSS Web site at:

<http://www.cba.hawaii.edu/hicss>

Conference Chairman: Ralph H. Sprague, Jr,

Conference Coordinator: HICSS-32 Conference Office,
College of Business Administration,
University of Hawaii, Honolulu
Phone: (808) 956-3251 Fax: (808) 956-9685
Email: hicss@hawaii.edu

Conference Venue: Aston Wailea Resort
3700 Wailea Alanui Dr., Wailea, Hawaii 96753

[Below is a call for demos/videos for the workshop on applications of computer vision. The call for papers for this workshop appeared in the previous issue of TC10 News (#53). The deadline for submitting papers to the workshop is April 1, 1998. --AKC]

>From: navab@gt.med.siemens.de (Nassir Navab GT4/Princeton)
>Subject: CFP: Demos/Videos for WACV'98, Princeton, NJ, USA

CALL FOR DEMOS/VIDEOS
Fourth IEEE Workshop on Applications of Computer Vision
October 19-21st 1998
Princeton, New Jersey, USA

WACV's demonstration session is an opportunity for both Academic and Industrial members of the computer vision community to present and exchange ideas in an interactive way.

The 1998 WACV's demonstration session, like the previous sessions (http://www.cs.uchicago.edu/~frankel/WACV_Demo_Session/wacvdemo.html), runs in an open house fashion. This encourages conference attendees to ask questions and become part of the demonstration itself.

This year we would also like to provide an additional video demonstration library. The conference attendees can go through the catalogue and choose the video demonstration they are interested in. They can watch these video demonstrations at any time during the conference period.

Demos/Videos proposals are solicited on applications of computer vision that include (but are not limited to) the topics listed below:

*visual database *image based rendering
*video mosaicing *cartography and GIS
*surveillance *3D sensing
*security & law enforcement
*space operations *object recognition
*highway/vehicle systems *robotics
*human-computer interaction *medical image analysis
*manufacturing *industrial inspection
*augmented reality *remote sensing
*document analysis & OCR *face & gesture image analysis

PROPOSAL GUIDELINES: The following describes the submission process

for the WACV'98 demonstration and video session. Proposals require the presentation of all or some part of a working computer vision application. We encourage both Industry and Academic organizations to participate in this session.

If accepted, you will be asked to create a one-page paper on each demonstration that will be published. Also, you will need to create a poster to bring for use in the session.

In terms of equipment, WACV'98 will provide you with a space, tables, chairs, easel for poster, power cords, TV/VCRs. We will provide some PCs and work stations. However, we encourage participants to bring as much of their own equipment as possible.

This year there will be a Best WACV'98 Demonstration Award. The winner will be chosen by the program committee and awarded during the workshop's reception on October 19, 1998.

You are to submit the following items via Email to the WACV'98 demo/video chair by the published deadline.

I) Text Description: The first item, is in simple raw text and must include the following information (Keep numbers notation in your email text!):

1. Title of Demonstration
2. Name of Organization, Address of Organization
3. List of Participants, Indicate Main Contact Person and Phone, Email, Fax
4. 1 page Description of Demonstration
5. List of references (if available) on proposed demonstrated system. (You may send copies if appropriate)
6. Equipment you will bring with you.
7. Equipment you are asking WACV'98 to try to provide.
8. Average Time to Run a Demonstration.

II) Video Demonstration: You are also encouraged to send along a video demonstration. The WACV'98 will also provide additional TV/VCRs and a library of video demonstrations. The conference attendees will have permanent access to this video demonstration library.

IMPORTANT DATES :

Proposal Submitted: From Feb. 1, 1997 to May 1, 1998
Notification of Acceptance: By June 1, 1998
1-page paper due: July 15, 1998

*If space becomes limited proposals submitted earlier will be given preference.

Demo/Video Submissions and questions should be sent to the following address:

Dr. Nassir Navab (navab@scr.siemens.com)
WACV'98 Demo/Video Chair
Siemens Corporate Research
755 College Road East
Princeton NJ, 08540

WACV'98 PROGRAM COMMITTEE :

General Chair : Peter Burt (Sarnoff)
Program Chair : Rakesh Kumar (Sarnoff)
Finance Chair : Terry Boulton (Lehigh U.)
Demo/Video chair: Nassir Navab (Siemens)
Local arrangements chair: Alice Archer (Sarnoff)
Registration/publication chair: Gopal S. Pingali(Lucent)

Takeo Kanade (CMU) E. Dickmanns (Munich)
Alok Gupta (Siemens) K. Ikuechi (Univ. Of Tokyo)
Shree Nayar (Columbia) P. Anandan (Microsoft)
Shmuel Peleg (HUJI) Zhengyou Zhang (INRIA)
R. Manmatha (UMASS) E. Saund (Xerox)
G. Medioni (USC) David Jacobs (NEC)
H. Sawhney (Sarnoff) Brian Schunk (Adept)
L. Abbot (Univ. of Virginia) Yvan Leclerc (SRI)
Paul Viola (MIT)

WACV'98 Call for Demo/Video :

<http://www.scr.siemens.com/demo.htm>

WACV'98 Call for Papers:

<http://www.sarnoff.com/conferences/WACV98/callforpapers.htm>

WACV'98 Home Page:

<http://www.sarnoff.com/conferences/WACV98.htm>

Sponsor : IEEE Computer Society

>From: Fernando Wagner da Silva <nando@visgraf.impa.br>
>Subject: CFP: SIBGRAP'98 Video Festival, Rio de Janeiro, Brazil

SIBGRAP'98 - Video Festival

XI Simposio Brasileiro de Computacao Grafica e
Processamento de Imagens

and

1998 International Symposium on Computer Graphics,
Image Processing and Vision

IMPA - Institute of Pure and Applied Mathematics
Rio de Janeiro, Brazil, October 20-23, 1998

- * First call for videos
- * Apologies if you receive duplicates.
- * For more information, visit <http://www.visgrafimpa.br/video98>

You are invited to submit videos and participate in SIBGRAPI'98, the 1998 International Symposium on Computer Graphics, Image Processing and Vision. The 11th edition of the SIBGRAPI, the most prestigious Brazilian series of meetings in related areas, is now in its first international version. SIBGRAPI'98 will take place at IMPA (Institute of Pure and Applied Mathematics), in Rio de Janeiro, Brazil, in October 20-23, 1998.

GENERAL INFORMATION:

The SIBGRAPI Video Festival is traditionally presented during one of the four nights of the symposium. Its purpose is to show visual explanations of computer graphics techniques, algorithm animations and software demonstrations, as well as computer generated films produced by TV companies. Videos which accompany papers or short-papers submitted to the technical program are encouraged. Major topics of interest include, but are not limited, to the following:

- Animation and simulation
- Geometric modeling
- Image synthesis
- Visualization techniques
- Graphical user interfaces
- Virtual reality
- Medical imaging
- Mathematical morphology
- Image compression
- Image segmentation

SUBMISSION and ADDITIONAL INFORMATION:

Authors should send one copy of the video to the address below by July 17, 1998. The video should not exceed the 4 minutes limit, which can be extended in exceptional cases, and must be in one of the following formats: Betacam, U-Matic or S-VHS (NTSC or PAL).

Each video must be accompanied by 3 copies of a submission form containing the description of the material shown in the video and the techniques used in the implementation. The submission form can be found at the end of this e-mail.

A videotape can contain more than one entry, but each one must be followed by its own submission form. In the shipping process, customs labels should include the words: "Educational material with no commercial value" and in Portuguese: "Material educacional sem valor comercial". The organizers take no responsibility for safe arrival of your video and will not track its shipment.

Videos should be submitted to:

SIBGRAPI'98 - Video Festival (c/o Fernando Wagner da Silva)
IMPA - Instituto de Matematica Pura e Aplicada
Laboratorio VISGRAF
Estrada Dona Castorina, 110,
22.460-320, Rio de Janeiro, RJ, Brasil

e-mail: nando@visgrafimpa.br

Additional information can be found at the website of the SIBGRAPI'98 Video Festival: <http://www.visgrafimpa.br/video98>

Information about the SIBGRAPI'98 can be found at the website of the Program Committee:
<http://www.ifqsc.sc.usp.br/visao/sib98/>

NOTIFICATION:

Authors will be notified of acceptance or rejection by August 17, 1998. The accepted videos will be edited onto one tape, which will be presented at the SIBGRAPI'98 Video Festival and distributed to the participants. The video descriptions will be published in a brochure (that will be distributed to the participants) and electronically at the website of the 1998 SIBGRAPI Video Festival.

After the Video Festival, the audience will be invited to vote to elect the best video, which will be rewarded with a prize.

IMPORTANT DATES:

VIDEOS DUE: July 17, 1998.

NOTICE OF ACCEPTANCE: August 17, 1998.

SIBGRAPI'98: October 20-23, 1998.

SIBGRAPI'98 Video Committee:

Fernando Wagner da Silva (chair) (COPPE/UFRJ, Brazil)

Marcos Vinicius Rayol (PUC-Rio, Brazil)

Monica Costa (PUC-Rio, Brazil)

SIBGRAPI'98 International Program Committee:

Luciano da Fontoura Costa (chair) (Brazil)

Alexander Stoyen (USA)

Andrew Glassner (USA)

Arie E. Kaufman (USA)

Azriel Rosenfeld (USA)

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Tomaso Poggio (USA)

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Roberto de Alencar Lotufo (FEEC-UNICAMP)

Sergio Fukushima (USP-Rib. Preto)

SIBGRAPI'98 Organizing Committee:

Gilberto Camara (chair) (INPE, Brazil)

Paulo Cezar Pinto Carvalho (IMPA, Brazil)

Marcelo Gattass (PUC-Rio, Brazil)

Luiz Fernando Martha (PUC-Rio, Brazil)

Carlos Ho Shih Ning (INPE, Brazil)

Antonio Miguel Vieira Monteiro (INPE, Brazil)

Submission Form:

SIBGRAPI'98 VIDEO FESTIVAL - SUBMISSION FORM

Title: _____

Authors: _____

Affiliation: _____

Abstract: (100 words or less, describing the techniques used in the video. If needed, use a separated sheet of paper)

Date of production: _____

Software(s) used: _____

Hardware(s) used: _____

Length (min:sec, including titles and credits): _____:_____

Video Format: [] - Betacam [] - NTSC

[] - U-Matic [] - PAL

[] - S-VHS

Contact Author: _____

Contact Address: _____

e-mail: _____

AUTHORIZATION (must be dated and signed by all authors)

I grant the organizers of the SIBGRAPI'98 Video Festival permission to present my video at the Video Festival. Also, I grant permission to publish and distribute, without profit purposes, my video as part of a videotape "SIBGRAPI'98 Video

Festival" and an accompanying brochure. I maintain copyright to my work and will receive full credit wherever my videos are used.

Signature(s): _____ date: _____

That's all for now.

Your TC10 chairman,

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