EURASIP

NEWS LETTER

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European Association
for Signal, Speech
and Image Processing

EURASIP IS...

... the European Association for Signal, Speech and Image Processing. Its purpose is to improve communication between groups and individuals that work within the multidisciplinary, fast growing field of Signal Processing in Europe and elsewhere, and to exchange and disseminate information in the field all over the world. EURASIP was founded on September 1, 1978.

AREAS OF INTEREST

The areas of interest include all aspects of Signal Processing: signal theory, applications of signal processing systems and technology, with special emphasis on speech and image communication.

EURASIP ACTIVITIES

In order to improve communication between researchers in the field and to exchange and disseminate information, the biennial European Signal Processing Conference ('EUSIPCO') as well as workshops, seminars and courses are arranged by the Association. Each year several workshops and seminars are organized by EURASIP alone or in cooperation with other societies. Since 1985, EURASIP presents a series of short courses. These courses, lasting between two days and one week, are intended for engineers involved in all aspects of signal processing. They cover main trends of the field and are presented by carefully selected European experts. We look forward to proposals of the members to arrange workshops, seminars or courses. News about activities of the Association as well as about other activities in the field of signal processing can be read in EURASIP Newsletter which is distributed to all members of the Association.

EURASIP GOVERNMENT

EURASIP is a non profit organisation which is governed by its Administrative Committee (AdCom). The AdCom consists of seven members, six of which are elected by the members for a period of four years. The president of the previous term (the Past President) is the seventh member of the AdCom. The AdCom convenes as often as necessary to discuss and resolve important questions that have emerged.

The AdCom members are as follows:

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The AdCom nominates officers, who are as follows:

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EUSIPCO 2004 Chairman: Prof. Wolfgang Mecklenbräuker, Institut fur Nachrichtentechnik, TU Wien, Gusshausstrasse 251389, A-1040 Wien, Austria. Tel.: +43 1588 01 38929 or 38901; Fax: +43 1 588 01 38999; E-mail: wmecklen@email.tuwien.ac.at

EURASIP JOURNAL EDITORS

Editor-in-Chief Signal Processing: Prof. Dr. Murat Kunt, Laboratoire de Traitement des Signaux, Ecole Polytechnique Fédérale de Lausanne, Ecublens, CH-1015 Lausanne, Switzerland. Tel.: +41 21 693 2626 or 2601 or 2624; Fax: +41 21 693 2603 or 4660; E-mail: murat.kunt@epfl.ch

Editor-in-Chief Speech Communication: Dr. Hervé Bourlard, IDIAP/EPFL, Rue du Simplon,4, CH-1920 Martigny, Switzerland. Tel.: +41 27 721 77 20; Fax: +41 27 721 77 12; Mobile: +41 79 436 00 35; E-mail: bourlard@idiap.ch

Editor-in-Chief Image Communication: Prof. Murat Tekalp, Electrical & Computer Engineering, University of Rochester, 204 Hopeman Bld River Campus, Rochester, New York 14627-0126, USA. Tel.: +01 716 275 3774; Fax. : +01 716 273 4919; E-mail: tekalp@ece.rochester.edu

Editor-in-Chief Applied Signal Processing: Prof. K.J. Ray Liu, Department of Electrical and Computer Engineering, University of Maryland, College Park, MD 20742, USA. E-mail: kjrliu@eng.umd.edu

HOW TO BECOME A MEMBER OF EURASIP

EURASIP membership is open to all persons and institutions active or interested in signal processing within Europe or outside. Membership benefits include: free subscription to EURASIP Newsletter, reduced subscription to the journals "Signal Processing", "Speech Communication", "Signal Processing: Image Communication" and "Applied Signal Processing", reduced fees for conferences and workshops that are sponsored or co sponsored by the Association. reduced fees for EURASIP's short courses.

Personal (individual) membership must be paid by personal funds. To validate their category, students should provide an endorsement from school of ricials stating that they are enrolled in regular academic programs. Please send an application letter containing your name, title, position, company/ institution, full mailing address, country, phone number, telefax-number and the desired journals to: EURASIP, European Association for Signal, Speech and Image Processing, P.O. Box 134, CH-1000 Lausanne 13, Switzerland, together with your remittance.

Your payments to EURASIP can be made in any of the following methods. In all cases Euro is the only acceptable currency:

1. Using credit cards: MasterCard, American Express or Visa only. Please fill in your Card No., Expiring date and signature.
2. Using cheques drawn in Euro mailed to EURASIP.
3. Using International Money orders drawn in Euro mailed to EURASIP.
4. Requesting your bank to write transfer funds including your name to EURASIP at the Swiss Credit Bank Lausanne, Switzerland, account no. 322.294-31.
5. Using international postal money transfer to EURASIP postal account no. 10-3279-8 in Lausanne, Switzerland.

For membership inquiries: Fabienne Vionnet, sigpro@epfl.ch

FOR MORE INFORMATION ABOUT EURASIP VISIT OUR URL: www.eurasip.org

2002 Membership fees in Euros for EURASIP Members

Institution:	Eur 70
Individual:	Eur 30
Student/retired:	Eur 20

2002 Print Journal Prices for EURASIP Members

	Institution	Member
Signal Processing	Eur 1800	Eur 90
Speech Communication	Eur 700	Eur 75
Signal Processing: Image Communication	Eur 580	Eur 75
Applied Signal Processing	Eur 475	Eur 60 (Student: Eur 30)

The 475 Euro Institution subscription for Applied Signal Processing includes electronic access.

2002 Electronic Journal Access for EURASIP Members

	Institution	Member
Signal Processing	-	Eur 65
Speech Communication	-	Eur 65
Signal Processing: Image Communication	-	Eur 65
Applied Signal Processing	Eur 380	Eur 60 (Student: Eur 30)

Please remember to mention your name and EURASIP membership number on all payment forms.

SIGNAL PROCESSING

Editorial Policy. SIGNAL PROCESSING is an Interdisciplinary Journal presenting the theory and practice of signal processing.
Its primary objectives are the following:

- Dissemination of research results and of engineering developments to all signal processing groups and individuals.
- Presentation of practical solutions to current signal processing problems in engineering and science.

The editorial policy and the technical content of the Journal are the responsibility of the Editor-in-Chief and the Editorial Board.
The journal is self-supporting from subscription income and contains a minimum amount of advertisements. Advertisements are subject to the prior approval of the Editor-in-Chief.
The journal welcomes contributions from every country in the world**.**

Scope. SIGNAL PROCESSING incorporates all aspects of the theory and practice of signal processing (analogue and digital). It features original research work, tutorial and review articles, and accounts of practical developments. It is intended for a rapid dissemination of knowledge and experience to engineers and scientists working in signal processing research, development or practical application.

Subjects. Subject areas covered by the Journal include:

Signal Theory
Stochastic Processes
Detection and Estimation
Spectral Analysis
Filtering
Communication Signal Processing
Biomedical Signal Processing
Geophysical and Astrophysical Signal Processing
Earth Resources Signal Processing
Acoustic and Vibration Signal Processing
Signal Processing Systems
Software Developments
Image Processing
Pattern Recognition
Optical Signal Processing
Multidimensional Signal Processing
Data Processing
Remote Sensing
Signal Processing Technology
Speech Processing
Radar Signal Processing
Sonar Signal Processing
Special Signal Processing
Industrial Applications
New Applications

Editor-in-Chief.
Murat Kunt, Laboratoire de Traitement des Signaux, Ecole Polytechnique Fédérale de Lausanne, Ecublenz CH-1015 Lausanne, Switzerland

SIGNAL PROCESSING: IMAGE COMMUNICATION

Editorial Policy. SIGNAL PROCESSING: IMAGE COMMUNICATION is an international Journal for the development of the theory and practice of image communication. Its primary objectives are the following:

- To present a forum for the advancement of the theory and practice of image communication.
- To simulate cross fertilization between areas similar in nature which have traditionally been separated, for example, various aspects of visual communications and information systems.
- To contribute to a rapid information exchange between the industrial and academic environments.

The editorial policy and the technical content of the Journal are the responsibility of the Editor-in-Chief and the Editorial Board. The Journal is self-supporting from subscription income and contains a minimum amount of advertisements.

Advertisements are subject to the prior approval of the Editor-in-Chief. The Journal welcomes contributions from every country in the world.

Scope. SIGNAL PROCESSING: IMAGE COMMUNICATION publishes articles relating to aspects of design, implementation and use of image communication systems.
SIGNAL PROCESSING: IMAGE COMMUNICATION features original research work, tutorial and review articles, and accounts of practical developments.

Subjects. Subject areas covered by the Journal include:

TV, HDTV and 3D-TV systems
Visual Science
Image
TV and Advanced TV
Broadcasting
Image Storage and Retrieval
Graphic Arts
Electronic Printing
Image Transmission
Interactive Image Coding Communication
Imaging Technology
Display Technology
VLSI Processors for Image Communications

Editor-in-Chief.
Murat Tekalp, Electrical and Computer Engineering, University of Rochester
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SPEECH COMMUNICATION

Scope. Speech Communication is an interdisciplinary journal for the development and dissemination of all basic and applied aspects of speech communication processes. Speech Communication features original research work, tutorial and review articles dealing with the theoretical, empirical and practical aspects of this scientific field.

Editorial Policy. The journal's primary objectives are:

- to present a forum for the advancement of human and human-machine speech communication science;
- to stimulate cross-fertilization between different fields of this domain;
- to contribute towards the rapid and wide diffusion of scientifically sound contributions in this domain.

Speech Communication is an interdisciplinary journal whose primary objective is to fulfill the need for the rapid dissemination and thorough discussion of basic and applied research results. In order to establish frameworks to inter-relate results from the various areas of the field, emphasis will be placed on viewpoints and topics of a transdisciplinary nature. The editorial policy and the technical content of the Journal are the responsibility of the Editors and the Institutional Representatives. The Institutional Representatives assist the Editors in the definition and the control of editorial policy as well as in maintaining connections with scientific associations, international congresses and regional events. The Editorial Board contributes towards the gathering of material for publication and assists the Editors in the editorial process.

Subject coverage. Subject areas covered in this journal include:

- Basics of oral communication and dialogue: modelling of production and perception processes; phonetics and phonology; syntax; semantics of speech communication; cognitive aspects.
- Models and tools for language learning: functional organisation and developmental models of human language capabilities; acquisition and rehabilitation of spoken language; speech & hearing defects and aids.
- Speech signal processing: analysis, coding, transmission, enhancement, robustness to noise.
- Models for automatic speech communication: speech recognition; language identification; speaker recognition; speech synthesis; oral dialogue.
- Development and evaluation tools: monolingual and multilingual databases; assessment methodologies; specialised hardware and software packages; field experiments; market development.
- Multimodal human computer interface: using speech I/O in combination with modalities, e.g., gesture and handwriting.

Editors-in-Chief.
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APPLIED SIGNAL PROCESSING

Scope. The overall aim of EURASIP Journal on Applied Signal Processing (EURASIP JASP) is to bring science and applications together with emphasis on practical aspects of signal processing in new and emerging technologies. It is directed as much at the practicing engineer as at the academic. EURASIP JASP will highlight the diverse applications of signal processing and encourage a cross-fertilization of techniques. All papers should attempt to bring theory to life with practical simulations and examples. Tutorial articles on topics of interest are also welcomed. EURASIP JASP employs paperless, electronic review process to foster fast and speedy turnaround in review process.

There are two different issues: regular issues and special issues. The regular issues publish collections of papers without special solicitation. The special issues have specifically aimed and targeted topics of interest contributed by authors responding to a particular Call-for-Papers or by invitation, edited by invited guest editor(s). Regular papers can submit at any time, while special issue papers can be submitted only based on planned schedules and submission guidelines of the Call-for-Papers. Proposals for special issues can be submitted directly to Editor-in-Chief.

Subjects. Subject areas include, but are by no means limited to:

- Signal processing theory, algorithm, architecture, design, and implementation
- Speech processing, coding, compression, and recognition
- Audio signal processing, coding, and compression
- Image/video processing, coding, compression, restoration, analysis and understanding and communications
- Multimedia signal processing and technology
- Signal processing for communications and networking
- Statistical and adaptive signal processing
- Nonlinear signal processing techniques
- Signal processing design tools
- Signal processing for security, authentication, and cryptography
- Analog signal processing
- Signal processing for smart sensor and systems

Application areas include but not limited to: communications; networking; sensors and actuators; radar and sonar; medical imaging; biomedical applications; remote sensing; consumer electronics; computer vision; pattern recognition; robotics; fiber optic sensing/transducers; industrial automation; transportation; stock market and financial analysis; seismography; avionics.

Editor-in-Chief.
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