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Conference on Acoustics, Speech,
and Signal Processing
Silver Anniversary

PROCEEDINGS

Volume V of VI

Communications

Sensor Array and Multichannel Signal Processing

June 5-9, 2000
Istanbul



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Signal Processing Society



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Hilton Hotel and Convention Center
Istanbul, Turkey

Sponsored by
The Institute of Electrical and Electronics Engineers
Signal Processing Society



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The 2000 IEEE International Conference on Acoustics, Speech and Signal Processing (ICASSP2000), Sponsored by the IEEE Signal Processing Society, is the twenty-fifth in an ongoing series of annual international conferences devoted to the theoretical, experimental, and developmental aspects of signal processing, acoustics, and speech. Conferences of this magnitude and scope are possible only because of the continuing interest and support of Society members, manifested both by their submission of high-quality papers and their participation in the conference. The ICASSP2000 Conference Committee is grateful to the authors, session chairs, volunteers, and all the other people who have contributed to every aspect of this conference.

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<http://www.icassp2001.org>

ICASSP 2002

May 13-17, 2002

Orlando, Florida, USA

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ICASSP 2003

Hong Kong, China

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ICIP 2000

September 10-13, 2000

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Salt Lake City

The 26th International Conference on Acoustics, Speech, and Signal Processing (ICASSP) will be held at the Salt Palace Convention Center in Salt Lake City, Utah, during May 7-11, 2001. The ICASSP meeting is the world's largest and most comprehensive technical conference focused on signal processing and its applications. The conference will feature world-class plenary speakers, tutorial presentations, and over 50 lecture and poster sessions on theoretical and application-oriented advances in the following areas:

- | | |
|--|---|
| < Audio and Electroacoustics | < Sensor Array and Multichannel Signal Processing |
| < Design and Implementation of DSP Systems | < Signal Processing for Communications |
| < Image and Multidimensional Signal Processing | < Signal Processing in Education |
| < Multimedia Signal Processing | < Signal Processing Theory and Methods |
| < Neural Networks for Signal Processing | < Speech Processing |

Special sessions on topics in other areas will also be held. In addition, a DSP Technology Track will also be offered to highlight innovative product implementations and solutions from industry. Presentations in this forum will cover both hardware and software issues in industrial signal processing. Topics for the DSP Technology Track include the following:

- | | |
|-----------------------------------|-------------------------------------|
| < DSP Chips and Architectures | < Biomedical Applications |
| < DSP Tools and Rapid Prototyping | < Automotive Applications |
| < Communication Technologies | < Defense and Security Applications |
| < Multimedia and DTV Technologies | < Emerging DSP Applications |

A DSP Job Fair will also be held during the conference to bring together prospective employers and highly qualified students and professionals in the DSP field.

Salt Lake City and Utah offer an incredible array of scenic and touristic activities for the visitor. From the ski resorts and majestic Wasatch mountains to the east, the gorgeous red-rock deserts to the south, and the Great Salt Lake and ghostly salt flats to the west, there is something for everyone. The downtown area is clean, safe, and home to many excellent restaurants and shopping centers, all within easy walking distance of the conference venue and hotels. Other attractions include Historic Temple Square and the Mormon Tabernacle Choir, Abravanel Hall -- home of the Utah Symphony, and the NBA's Utah Jazz. Come join us for what promises to be an outstanding conference!

Prospective authors are invited to submit full-length, four page papers for presentation in any of the areas listed above, or for the DSP Technology Track. We also encourage the submission of proposals for tutorials and sessions on special topics. Deadlines for submissions and registration are shown below. Details on the submission process and author's kits will be made available at a later date. Check the conference website www.icassp2001.org for up-to-date information.

Schedule of Important Dates:

Proposals for tutorials and special sessions due by	September 29, 2000
Four page, full paper submission to be received by	November 3, 2000
Notification of acceptance mailed out by	January 8, 2001
Final version of paper due by	January 22, 2001
Early registration deadline (one author per paper)	January 29, 2001
Advance registration deadline & guaranteed hotel room	March 2, 2001



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