



2003 IEEE INTERNATIONAL ULTRASONICS SYMPOSIUM

October 5-8, 2003

Hilton Hawaiian Village, Honolulu, Hawaii

Sponsored by the IEEE Ultrasonics, Ferroelectrics, & Frequency Control Society



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SYMPOSIUM MANAGEMENT

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Final Call for Papers

ABSTRACT DEADLINE: May 22, 2003

Papers are solicited describing original work in the field of ultrasonics. Poster and oral presentation formats will be used at the Symposium. Prospective authors should note that poster sessions provide an alternative format which allows for greater flexibility and expanded audience interaction. The abstracts should be submitted in electronic form according to the specific information posted on the conference web page. Additional conference information can be found at the Symposium web site:

<http://www.ieee-uffc.org/2003>

Each abstract will receive careful review and evaluation by the Symposium Technical Program Committee. Evaluation criteria will include originality of the work, contribution to the state-of-the-art, and overall interest to the ultrasonics community. Each abstract should be specific, contain clearly identified new material, and include quantitative information or data. *A good abstract must clearly and concisely explain the hypothesis, methods and conclusion of the paper. Results of research should be clearly indicated in the abstract.* Papers are solicited from the following **subject classifications**:

Group 1 Medical Ultrasonics

MBB Medical Beamforming and
Beam Steering
MBE Biological Effects & Dosimetry
MBF Blood Flow Measurement
MCA Contrast Agents
MEL Elastography
MIM Medical Imaging
MSP Medical Signal Processing
MTC Medical Tissue Characterization
MTH Therapeutics, Hyperthermia,
Ultrasound in Surgery

Group 2 Sensors, NDE & Industrial Applications

NAM Acoustic Microscopy & Imaging
NAS Acoustic Sensors
NDE General NDE Methods
NMC Material & Defect Characterization
NPM Wave Propagation
NSP Signal Processing
NTD Transducers: NDE and Industrial

Group 3 Physical Acoustics

PBW Bulk Wave Effects & Devices
PGP General Physical Acoustics
PMI Magnetic Interactions
POI Optical Interactions
PUM Ultrasonic Motors & Actuators

Group 4 Surface Acoustic Waves

SAO SAW Acoustoelectric Effects & Devices
SDO SAW Devices & Oscillators
SFT SAW Filters & Transducers
SMP SAW Materials & Propagation
SSA SAW System Applications
SSP SAW Signal Processing
STD SAW Thin-Films & Devices

Group 5 Transducers & Transducer Materials

TFA Transducer Modeling
(FEA and Analytical)
TFT Transducer Fabrication Technology
TMC Transducer Material Characterization
and Modeling
TMM Materials/Technology for Medical
Transducers
TMT Medical Transducers
TMU Micromachined Ultrasound
Transducers
TPF Piezoelectric and Ferroelectric
Transducer Materials

Student Travel Support: Limited funds are available to support student attendees at the 2003 symposium. Awards will be made on a competitive basis. Further information is posted on the web page. The application deadline is **July 18, 2003**.

Student Paper Competition: Students who are submitting abstracts for presentation are invited to participate in a special student paper competition. Student paper finalists will be chosen by the Technical Program Committee (TPC) to join the final competition at the 2003 Symposium and to receive special accommodation for posters during the Symposium. Five winners (one from each area of the TPC) will be chosen to receive a cash award. Students should indicate their interest in the competition by marking the appropriate box on the abstract submission form. More information about the competition can be found on the meeting web site (**<http://www.ieee-uffc.org/2003>**).

The meeting web site is the main location for up to date information about the 2003 symposium. The web site includes all of the meeting details, including abstract submission, meeting registration form, hotel registration form, short courses, guests' tours, plenary speaker, invited speakers, and much more. The 2003 symposium web site is:

<http://www.ieee-uffc.org/2003>

