

2003 IEEE International Ultrasonics Symposium - Condensed Program

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SATURDAY, OCT. 4	<i>Symposium Registration (Room: Iolani Suite 1 and 2), 6:00 p.m. – 9:00 p.m.</i>				
SUNDAY, OCT. 5	<i>Symposium Registration (Room: Iolani Suite 1 and 2), 7:00 a.m. – 7:00 p.m.</i>				
8:00 a.m. – 10:00 a.m.	SHORT COURSES (8:00 a.m.-12:00 noon) Course 1: Fundamentals of Ultra. Waves Course 2: Medical Ultrasound Transducers Course 3: Recent Trends in Beamf. in Med. Ultra.	SHORT COURSES (1:00 p.m.-5:00 p.m.) Course 4: Recent Advances in Acous. Micros. Course 5: Micromac. Ultras. Sens. and Actu. Course 6: Flow Measurements	SHORT COURSES (6:00 p.m.-10:00 p.m.) Course 7: Synthetic Aperture Ultrasound Sys. Course 8: Finite Elem. Model. of Electro. Tran. Course 9: Ultrasound Contrast Agents		
MONDAY, OCT. 6	<i>Symposium Registration (Room: Iolani Suite 1 and 2), 7:00 a.m. – 6:00 p.m.</i>				
8:00 a.m. – 10:00 a.m.	Opening Session (Room: Tapas Ballroom 2)				
10:00 a.m.–10:30 a.m.	Refreshments				
	Tapas 1	Tapas 2	Tapas 3	Honolulu	South Pacific
10:30 am. – 12:00 p.m.	1A Cardiac Deformation I	2A New Ultra. Systems	3A Bulk Acous. Wave Sens.	4A Piezoelectric Resonators	5A SAW Materials
12:00 p.m. – 1:30 p.m.	Lunch				
1:30 p.m. – 3:00 p.m.	1B Cardiac Deforma. II	2B HIFU Therapy	3B Guid. Acous. Wave Sen.	4B Thin Film BAW Filters	5B High Temperature SAW
3:00 p.m. – 3:30 p.m.	Refreshments				
3:00 p.m. – 4:30 p.m.	Posters: (Location: Palace Lounge)				
	P1A Stu. Paper Finalists P1B Contrast Agents I P1C Tissue Charactiza. I	P1D Doppler P1E Beamforming I P1F Tissue Elasticity	P1G Therapy and Bioeffects P1H Trans. Design & Fabric. P1I Acoustic Wave Sensors	P1J App. of Acous. Wave Trans. & Sensors P1K NDE Signal Processing P1L Surf. Acous. Wave Sensors	P1M Resonators P1N Physical Acoustics III P1O Physical Acoustics IV P1P Physical Acoustics V
4:30 p.m. – 6:00 p.m.	1C Vascular Imaging	2C Bioeff. and Dosimetry	3C Signal Process. & Imag.	4C Physical Acoustics I	5C SAW Acoustic Effects
7:00 p.m. – 10:00 p.m.	Social Reception (Location: Lagoon Green)				
TUESDAY, OCT. 7	<i>Symposium Registration (Room: Iolani Suite 1 and 2), 7:00 a.m. – 5:30 p.m.</i>				
8:30 a.m. – 10:00 a.m.	1D Emb. Detect/Cont Ag.	2D Phase Aberration	3D Transducer Materials I	4D Physical Acoustics II	5D SAW RF Filters
10:00 a.m. – 10:30 a.m.	Refreshments				
10:30 a.m.–12:00 p.m.	1E Contrast Agents II	2E All You...Know ..Imag.	3E CMUT Modeling	4E Optical Interactions	5E Synthesis of SAW Dev.
12:00 p.m. – 1:30 p.m.	Lunch				
1:30 p.m. – 3:00 p.m.	1F Mol. Imag./Cont. Ag.	2F Dyn. Elasticity Imaging	3F CMUT Tech.& App. I	4F Ultrasonic Motors	5F SAW Propagation
3:00 p.m. – 3:30 p.m.	Refreshments				
3:00 p.m. – 4:30 p.m.	Posters: (Location: Palace Lounge)				
	P2A Contrast Agents III P2B Tissue Characteriza. II P2C Medical Image Proc. P2D Beamforming II	P2E Blood Flow P2F Elasticity P2G Trans. Per. & App. P2H Transducer Model.	P2I Saw Analysis I P2J SAW Analysis II P2K SAW Sys. & Interac. P2L SAW Thin Films & Dev.	P2M Ultrasonic Motors P2N Filter Model. & Packaging P2O Optical Interactions	
4:30 p.m. – 6:00 p.m.	1G Contrast Agents IV	2G Static Elasticity Imaging	3G Transducers and Arrays	4G Ind. Measure. and App.	5G SAW Simulation
6:30 p.m.	Banquet (Location: Hale Koa), 6:30 p.m. - 10:00 p.m.				
WEDNESDAY, OCT. 8	<i>Symposium Registration (Room: Iolani Suite 1 and 2), 7:00 a.m. – 1:00 p.m.</i>				
8:30 a.m. – 10:00 a.m.	1H Cavitation and HIFU	2H High Freq. Imaging	3H Single Crys.Trans. & Mat.	4H Acoustical Imaging	5H SAW System Appl.
10:00 a.m. – 10:30 a.m.	Refreshments				
10:30 a.m.–12:00 p.m.	1I Therapy	2I Blood Flow	3I High Frequency Imaging	4I Materials Charact.	5I Thin Films and Dev.
12:00 p.m. – 1:30 p.m.	Lunch				
1:30 p.m. – 3:00 p.m.	1J Therapeutics	2J Dynamics of Tissue	3J 2D Arrays	4J Nonlinear Imaging in NDE	
3:00 p.m. – 3:30 p.m.	Refreshments				
3:00 p.m. – 4:30 p.m.	Posters: (Location: Palace Lounge)				
	P3A Medical Signal Proc. P3B Medical Imaging P3C Beamforming III P3D Vascular Elasticity	P3E 3D Imaging P3F Elasticity Signal Processing P3G High Resolution Imaging P3H CMUT Technology & Applications II	P3I CMUT Design and Modeling P3J Transducer Materials III P3K Thin Film BAW: Mat. and Res P3L Thin Film BAW: Mat. & Res. II	P3M NDE Imaging P3N SAW Filters & Trans. I P3O Saw Filters & Trans. II P3P SAW Material	
4:30 p.m. – 6:00 p.m.	1K Therapy Monitoring	2K Tissue Characterization	3K Transducer Materials II	4K Biological Applications	
	Tapas 1	Tapas 2	Tapas 3	Honolulu	South Pacific