

| 2005 IEEE International Ultrasonics Symposium - Condensed Program | | | | | | |
|---|---|---|---------------------------------------|----------------------------|----------------------------------|------------------------------------|
| Saturday, Sept. 17 | Registration (WBZ entrance De Doelen), 6:00 p.m. – 9:00 p.m. | | | | | |
| Sunday, Sept. 18 | Registration (WBZ entrance De Doelen), 7:00 a.m. – 7:00 p.m. | | | | | |
| 8:00 a.m. – 10:00 p.m. | SHORT COURSES (Rooms 4, 5a/5b) Please see listing on pages 10–19. | | | | | |
| Monday, Sept. 19 | Registration (WBZ entrance De Doelen), 7:00 a.m. – 6:00 p.m. | | | | | |
| 8:30 a.m. – 10:00 a.m. | Plenary Session and UFFC Awards (Room: Willem Burger Zaal [room 1]) | | | | | |
| 10:00 a.m. – 10:30 a.m. | Refreshments (lobby room 1, lobby room 2, Expohal) | | | | | |
| 10:00 a.m. – 11:30 a.m. | Posters (Location: Expohal, ground floor) | | | | | |
| | PS Student Paper Finalists | P1E Medical Imaging | P1J Simulation of SAW Devices | | | |
| | P1A Blood Flow | P1F Acoustic Sensors | P1K SAW Devices I | | | |
| | P1B Elastography | P1G NDE Modeling and Measurements | P1L Materials for Transducers | | | |
| | P1C Tissue Characterization | P1H Ultrasonic Motors/Lab on a Chip | P1M Transducer Modeling | | | |
| | P1D Beamformer Implementation | P1I Piezoelectrical Transformers/Motors | | | | |
| | Room 1 | Room 2 | Room 3 | Room 4 | Room 5 | Room 6 |
| 11:30 a.m. – 1:00 p.m. | 1A Local Drug Delivery UCA/Therapeutic | 2A Static Elasticity | 3A Biosensors | 4A Phononic Crystals | 5A BAW Thin Film Filters | 6A High Frequency Arrays |
| 1:00 p.m. – 2:30 p.m. | Lunch | | | | | |
| 2:30 p.m. – 4:00 p.m. | 1B IVUS I | 2B Blood Flow | 3B NDE Imag. and Signal Processing | 4B Optical Interactions | 5B Thin Film BAW Materials | 6B Piezo. Single Crystal Trans. |
| 4:00 p.m. – 4:30 p.m. | Refreshments (Location: Expohal, Foyer room 1, Foyer room 2) | | | | | |
| 4:30 p.m. – 6:00 p.m. | 1C IVUS II | 2C Ultrasound 19th Cent. to 21st Cent. | 3C NDE-Wave Propagation | 4C Ultrasonic Motors | 5C THIN Film BAW Materials II | 6C Trans. and Mater. Modeling |
| 6:00 p.m. – 8:30 p.m. | Reception (Location: Expohal on ground floor and Foyer room 2 on the first floor, [exhibits]) | | | | | |

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| Tuesday, Sept. 20 | Registration (WBZ entrance De Doelen), 7:00 a.m. – 5:30 p.m. | | | | | |
| 8:30 a.m. – 10:00 a.m. | 1D Mouse Imaging | 2D Vascular | 3D NDE-General Methods | 4D Physical Acoustics 1 | 5D Novel SAW Dev. and Analysis | 6D Ultra. MEMS Technology |
| 10:00 a.m. – 10:30 a.m. | Refreshments (lobby room 1, lobby room 2, Expohal) | | | | | |
| 10:00 a.m. – 11:30 a.m. | Posters (Location: Expohal, ground floor) | | | | | |
| | P2A Tissue Characterization P2B Contrast Agents I P2C Therapeutics and Hyperthermia P2D Elasticity Imaging | | P2E NDE Signal Processing & Modeling P2F BAW Piezoelectric Films P2G BAW Materials and Propagation II P2H SAW Materials and Propagation | | P2I SAW Devices II P2J Trans. Materials & Comp. Materials P2K Micromachined Transducers | |
| 11:30 a.m. – 1:00 p.m. | 1E Portable Devices & Other Neat Stuff | 2E Cardiovascular | 3E NDE Signal Processing | 4E Physical Acoustics 2 | 5E RF Filters and Modules | 6E cMUTS |
| 1:00 p.m. – 2:30 p.m. | Lunch | | | | | |
| 2:30 p.m. – 4:00 p.m. | 1F Elasticity Dynamic | 2F Contrast Agents: Imaging I | 3F Gas-Liquid Sensors | 4F Medical Transducers I | 5F SAW Analysis | 6F Ind. Measur. & Applications |
| 4:00 p.m. – 4:30 p.m. | Refreshments (Location: Expohal, Foyer room 1, Foyer room 2) | | | | | |
| 4:30 p.m. – 6:00 p.m. | 1G Elasticity | 2G Contrast Agents: Imaging II | 3G Ultrasonic Flowmeters | 4G Interventional Ultrasound | 5G SAW System Applications | 6G Tissue Characterization |
| 7:00 p.m. – 12:00 p.m. | Conference Dinner Party | | | | | |
| Wednesday, Sept. 21 | Registration (WBZ entrance De Doelen), 7:00 a.m. – 1:00 p.m. | | | | | |
| 8:30 a.m. – 10:00 a.m. | 1H Contrast Agents: Effects | 2H Acoustic Proper. Cells & Tis. | 3H Acoustical Imaging | 4H BAW Resonators | 5H SAW Propagation | 6H Energy Harv. & Nov. Trans. |
| 10:00 a.m. – 10:30 a.m. | Refreshments (lobby room 1, lobby room 2, Expohal) | | | | | |
| 10:00 a.m. – 11:30 a.m. | Posters (Location: Expohal, ground floor) | | | | | |
| | P3A Beamforming P3B Contrast Agents II P3C Bone P3D Modeling and Visualization P3E Signal Processing | | P3F NDE Transducers P3G General Physical Acoustics P3H BAW Materials and Propagation I P3I SAW Filters and Devices | | P3J SAW System Applications P3K Transducer Fabrication Technology P3L High Frequency Transducers P3M Medical Transducers II | |
| 11:30 a.m. – 1:00 p.m. | 1I Contrast Agents Fundamentals | 2I Ultrasound & Therapeutics | 3I NDE Material & Defect Charac. | 4I Fluidic Actuation | 5I SAW Filters and Transducers | 6I Transducer Materials |
| 1:00 p.m. – 2:30 p.m. | Lunch | | | | | |
| 2:30 p.m. – 4:00 p.m. | 1J Quantitative Cardiac Imaging | 2J Therapy Monitoring | 3J Materials Characterization | 4J Ultras. Micro. & Bulk Effects | 5J BAW Resonator Design and Analysis | 6J Beamforming II |
| 4:00 p.m. – 4:30 p.m. | Refreshments (Location: Expohal, Foyer room 1, Foyer room 2) | | | | | |
| 4:30 p.m. – 6:00 p.m. | 1K 3D/4D Cardiac Imaging | 2K Cavitation | 3K Acoustic Sensors | 4K Physical Acoustics III | 5K Micromec. & SAW Resonators | 6K Med. Sig. Proc. & Contrast |
| | Room 1 | Room 2 | Room 3 | Room 4 | Room 5 | Room 6 |