



ICU Board Members

Alippi, Adriano (Italy)
 Benes, Ewald (Austria)
 Bond, Leonard (USA)
 Crum, Lawrence A. (USA)
 Dechamps, Marc (France)
 Declercq, Nico F. (Belgium)
 Every, Arthur G. (South Africa)
 Gaete-Garretton, Luis (Chile)
 Gan, Woon Siong (Singapore)
 Gusev, Vitalyi (France)
 Henning, Bernd (Germany)
 Hirsekorn, Sigrun (Germany)
 Kanai, Hiroshi (Japan)
 Laugier, Pascal (France)
 Lewin, Peter (USA)
 Linde, Bogumil (Poland)
 Mason, Tim (UK)
 Nakamura, Kentaro (Japan)
 Pace, Nick (UK)
 Postema, Michiel (Norway)
 Riera, Enrique (Spain)
 Sachse, Wolfgang (USA)
 Sapozhnikov, Oleg (Russia)
 Ter Haar, Gail (UK)
 Wilhelm, Jens E. (Denmark)
 Zhang, Hailan (China)

Conference Committee

Chairman

Dr Gan Woon Siong

Vice-Chairman

Assoc Prof Lim Siak Piang

Scientific Chairman

Prof Khoo Boo Cheong

Members

Assoc Prof Lim Kian Beng
 Assoc Prof Brian S Wong
 Asst Prof Zhou Yufeng
 Asst Prof Claus Dieter-Ohl

Organised by



Supported by



Managed by



Enterprise Promotion Centres

INTERNATIONAL CONGRESS ON ULTRASONICS

Date : 1st – 4th May 2013

Venue: Singapore

The 2013 International Congress on Ultrasonics (2013 ICU Singapore) will be held from 1st May to 4th May 2013 in Singapore. The 2013 ICU Singapore represents an ongoing event, which has been held continuously since 2007 as a forum for exchanging new ideas in the field of theories and applications in ultrasonics. The conference features a technical program consisting of eight plenary sessions of contributed papers describing recent developments in ultrasonics.

KEYNOTE SPEAKERS

Dr Gan Woon Siong - New Acoustics, based on Metamaterials

Prof James Greenleaf - Measuring Viscoelastic Properties of Soft Tissues

Prof Lawrence Crum - Recent Advances in Therapeutic Ultrasound

Prof Ping Sheng - Membrane-type Acoustic Metamaterials: Reflection and Absorption of the Low Frequency Sound

Prof Anthony Kent - Semiconductor Acoustic Lasers (Sasers) for Terahertz Acoustics

Prof Chi-Kuang Sun - Nanoultrasonics Based on Piezoelectric Superlattices

Prof Li Baowen - Phononics: Manipulating Phonons with Electronic Analogues and Beyond

Prof Khoo Boo Cheong - High Intensity Focused Ultrasound (HIFU) for Biomedical and Dentistry Applications

ABSTRACT SUBMISSION

The 2013 ICU Singapore Conference Committee invites submissions of abstracts on technical topics. The technical program includes both oral and poster presentations. Participation by students is strongly encouraged. Topics for discussions include:

- Acoustical Metamaterials
- Acoustic Microscopy
- Acoustic Sensors
- Adaptive Imaging & Focusing
- Biomedical Ultrasound
- Bioeffects of Ultrasound
- Bulk & Surface Acoustic Waves
- Cavitation & Sonoluminescence
- Contrast Agents
- Elastography & Vibro Acoustics
- Emergent Topics
- High Frequency Medical Imaging
- High Power Ultrasound
- Medical Non-Linear Acoustics
- Medical Parametric Imaging
- Molecular Acoustics
- NDT: Industrial Applications
- NDT: Guided Waves
- NDT: Modeling & Simulation
- New Piezoelectric Materials & Devices
- Nonlinear Acoustics Phenomena
- Phononics
- Physical Acoustics
- Resonators & Waveguides
- Sonochemistry
- Therapeutic Ultrasound
- Thermoacoustics
- Transducer Modeling & Metrology
- Transducer Technology
- Ultrasonics Motors & Actuators
- Ultrasound & Particles in Suspension
- Ultrasound & Laser
- Ultrasound in Anisotropic Materials
- Underwater Ultrasonics
- Vascular Ultrasound

IMPORTANT DATES

Deadline for Abstracts Submission	31 st October 2012
Notification of Acceptance	30 th November 2012
Deadline for Early Bird Registration	31 st December 2012

SUBMISSION PROCEDURE

Abstract should be confined to 500 words and include the following information: title, authors, affiliation and email address of presenting author. The abstract is to be submitted as a text file in MS Word format to ICU2013sec@gmail.com. Authors will be notified by email by 30th November 2012. Submission implies willingness to register at the conference, pay the registration fee and present the paper in person.

ABSTRACT FORMAT GUIDELINES

- **Page Size:** A4 (297mm by 210mm) in portrait orientation
- **Margin:** 25 mm all around
- **Length:** The abstract may be in text only or contain figures and graphics. Maximum one A4 page.
- **Layout:** Font: Calibri 12-point size, single-spaced

REGISTRATION

	Early Bird Registration	Normal
Participant	SGD 1,000	SGD 1,100
Affiliate	SGD 950	SGD 1,050
Student	SGD 600	SGD 700
Accompany Person	SGD 300	SGD 325

For enquiries, please contact:

The Secretariat, c/o Enterprise Promotion Centres Pte Ltd
 1003 Bukit Merah Central #02-10, Inno. Centre, Singapore 159836
 Reven Zheng at Email: RevenZheng@epc.com.sg Tel: +65 6377 6598
 Eunice Lum at Email: EuniceLum@epc.com.sg Tel: +65 6377 6580