

INVITATION

7th International Symposium of Fine Bubble Technology

SYDNEY AUSTRALIA • JULY 2016

Fine bubble technology is an exciting innovative technology that has potential applications for an impressive range of industries. These include cleaning, medical, pharmaceutical, healthcare, agriculture, fisheries, food production, cosmetics and beverages, to name but a few. The indications are that they might become key industries globally in the near future.

Trials in applications of fine bubble technology have been expanding, not only in Japan but also all over the world, since the 2013 establishment of international committee ISO/TC 281, which specialises in promoting the international standardisation of fine bubble technology.

At this symposium, leading Japanese and international authorities will report primarily on the results of current studies and the latest trends in research and development of fine bubbles.

In addition, we will discuss international cooperation in international standardisation activities about ISO/TC 281, fine bubble technology and fostering healthy markets, as well as future directions.

We hope that these discussions will strengthen the international framework and raise awareness of the industry.

DATE

10:00–17:30, Monday 25 July 2016

VENUE

Aerial Function Centre
University of Technology Sydney

LANGUAGE

English

RSVP

This is a complimentary forum and places are limited. To confirm your attendance, please RSVP by Monday 18 July to nsm@standards.org.au providing your name, organisation and email address details.

ENQUIRIES

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HOST



CO-HOST



SPONSOR



7th International Symposium of Fine Bubble Technology

Chair: Ms. Alison Scotland, National Sector Manager, Standards Australia

Co-Chair: Dr Nobuhiro Aya, National Institute of Advanced Industrial Science and Technology, Secretary of ISO/TC 281

Lecture titles and time may be subject to change.

- 10:00 Opening remarks: Dr. Bronwyn Evans, CEO of Standards Australia
- 10:10 “Characterisation of Fine Bubbles”
Prof. Vincent Craig, Department of Applied Mathematics, Australian National University (Australia)
- 10:35 “The status and future of fine bubble generation, measurements and applications”
Dr. Toshihiro Fujita, Vice Chairman of FBIA, Chair of Japan National Mirror Committee of ISO/TC 281 (Japan)
- 11:00 “The outline and the latest status of fine bubble measurement techniques”
Dr. Stephen Ward-Smith, Expert of ISO/TC281/WG2 (UK)
- 11:25 Break
- 11:35 “Fine bubble application – water purification”
Dr. Nicholas Young Cheol Park, New Water Tec Co. Ltd., Expert of ISO/TC 281/WG 3 (Korea)
- 12:00 “Fine bubble application – cleaning”
Mr. Mike Schaefer, CTO of Tennant Company (USA)
- 12:25 Lunch
- 13:45 “Fine bubble application – medical”
Dr. Richard Watson, Chief Science Officer, Revalesio Corporation (USA)
- 14:10 “Medical microbubbles and industrial flotation”
Dr. Steven Spencer, CSIRO (Australia)
- 14:35 “Fine bubble application – agriculture and Japan national project”
Dr. Akira Yabe, Special Advisor, Researcher Emeritus of National Institute of Advanced Industrial Science and Technology (AIST), Convener of ISO/TC 281/WG 1 (Japan)
- 15:00 Break
- 15:10 “The status and future of fine bubble technology in Russia”
Dr. Vladimir Dobrovolsky, Head of the department of physico-chemical and electrical measurements, Russian Metrological Institute of Technical Physics and Radio Engineering (Russia)
- 15:35 “The status and future of fine bubble technology in China”
Prof. Zhaojun Li, Institute of process engineering, Chinese Academy of Sciences (China)
- 16:00 “The status of ISO/TC281 and global expansion”
Mr. Maurice W. Wedd, Chair ISO/TC281 (UK)
- 16:25 Break
- 16:40 Discussion with speakers and audience
- 17:25 Closing address: Dr. Shingo Ichimura, Chairman of Fine Bubble Industries Association (FBIA)