Fine bubble technology is an innovative technology that has the potential applications for a range of industries including cleaning, sterilization, agriculture, plant cultivation, fisheries, food, beverage, medical pharmaceutical, and healthcare etc. The technology is expected to be one of the key industries that will develop globally in the near future. Fine Bubble Industries Association (FBIA) is promoting activities to create the new market through the international standardization of fine bubble technology.

Various potential applications of Fine Bubble Technology

Video clips of actual examples of fine bubble applications are available to see on http://youtu.be/TnNArMI1Lts

An article on fine bubble technology was published in the May/June 2014 issue of ISO focus #104: http://www.iso.org/iso/home/news_index/news_archive/news.htm?Refid=Ref1844

Fine bubble has unique behavior!!
EN TECH POLLUTEC ASIA 2014
4 - 7 June, 2014
JAPAN Pavilion

Date: 10:00 - 18:00, 4 - 7 June, 2014
Venue: Bangkok International Trade & Exhibition Centre (BITEC)
Booth No.: H1-5

Live demonstrations will be demonstrated by FBIA member companies of fine bubble generator and measurement equipments at the booth. -IDEC, Nikuni, OK ENGINEERING, SHIMADZU –

For details, please contact Fine Bubble Industries Association (FBIA): info@fbia.or.jp
Please contact Bureau of Supporting Industries Development (Dr. Plawut Wongwiwat) Email: plawut@yahoo.com
3rd International Symposium of Fine Bubble Technology
Fine bubbles innovation using “micro- to nano-size bubbles”

[Objective]
Fine bubble technology is an exciting innovative technology that has the potential applications for an impressive range of industries including: cleaning, medical, pharmaceutical, healthcare, agriculture, fisheries, food production, and drinking water, to name but a few. The indications are that it will become a key industry in the near future. ISO/TC 281 is promoting the international standardization activities of fine bubble technology to foster the healthy fine bubble market. In this symposium, not only the presentations on the generation and measuring methods, but also the examples of various fine bubble applications for industrial uses will be presented. Presenters leading the industry, including researchers from the Kasetsart University of Thailand, or the advanced industrial science and technology (AIST); one of the largest Japanese research center, will make the presentations on the recent outcomes of study on application areas, topics of fine bubble generation technology, introduction of measuring technologies, and the need of the international standardization.

Date: Thursday, 5th June, 2014
Venue: Conference room MR224-MR225, 2nd Floor of Bangkok International Trade & Exhibition Centre (BITEC)
Host: Fine Bubble Industries Association (FBIA), Advanced Industrial Science and Technology (AIST), Ministry of Industry (MOI), Thailand
Admission: Free
Language: Thai and Japanese (Translation service will be provided)

[Program]
13:00 Opening remarks and Keynote speech
"Characteristics of fine bubble generation, cleaning of solid particles - Prospects for future"
Dr. Akira Yabe, Chairman of FBIA, Vice President of AIST, Convener of ISO/TC 281 WG1

13:30 “Highway road management using ultrafine bubble water - Cleaning of bridges and toilets in service areas”
Mr. Tadashi Nagai, Manager Division of Public Relations, West Nippon Expressway Company Limited, Member of FBIA.

14:00 “Using Fine Bubbles Technology Combined with Sanitizers to Enhance Food Safety for Vegetables Consumption.”
Dr. Warapa Mahakarnchanakul, Assistant Professor, Department of Food Science and Technology, Faculty of Agro-Industry, Kasetsart University, Thailand

14:30 Break

14:50 “Measurement of fine bubbles” (tentative)
Dr. Haruo Shimaoka, Product Manager, ISO/TC 281 WG2 experts, Shimadzu Corporation, Member of FBIA

15:20 “International standardization of fine bubble technology and creation of a new industry initiated by Fine Bubble Industries Association”
Dr. Toshihiro Fujita, Chair of Japan National Mirror Committee of ISO/TC 281, Vice Chairman of FBIA, and Chief Technology Officer of IDEC Corporation

15:50 Closing address: Dr. Toshihiro Fujita, Vice Chairman of FBIA

[Registration]
Please apply to Ms. Peeranuch, Yamato 21st Century Co., Ltd. (Email: yscbkk@cscoms.com, Tel:+66-2215-0908) with your name, title, company/organization name, tel., email address.

Please visit the reception desk if you are attending the symposium without the registration.
For details, please contact Fine Bubble Industries Association (FBIA): info@fbia.or.jp