

## SingNano Forum: presented in collaboration with NYP

### Briefing: iCAN'2009

- First International Contest of Application in Nano-micro Technology

**26 May 2009 (Tues, 4pm – 5.30pm)**

• **L7Q3 (Lecture Theatre Q3, Level 1 Block Q, NYP)** •



#### Dr Lerwen LIU

Managing Director:  
NanoGlobe Pte Ltd and  
SingNano Network  
Secretary : ANF



#### Objective:

SingNano provides the network for the Singapore Nanotech community.

#### Who Should Attend:

Students who are interested in Micro-Nano Technology and the First International Contest of Application in Nano-micro Technology (iCAN'2009)  
[www.ican2009.com](http://www.ican2009.com)

#### PRESENTATION ABSTRACT

The pursuit of miniaturization has made possible the Micro-Nano Electro-Mechanical Systems (MEMS/NEMS) devices. MEMS/NEMS devices find their applications in automobile, aerospace, consumer electronics, communication, energy, healthcare and manufacturing process. The mission of **The International Contest for Application in Nano-micro Technology (iCAN'2009)** [www.ican2009.com](http://www.ican2009.com), is to inspire students to learn about MEMS technology and devices and to innovate.

**iCAN'2009**, is a global contest for students who are interested in Micro-Nano Technology, using Micro-Nano devices (including accelerometers, magnetic sensors, micro phone and optical scanner) offered by industry sponsors to create new applications. This contest was initiated by MEMS scientists and industrialists from China, Japan, USA, Germany, Singapore, Taiwan and Hong Kong. It is supported by Chinese International NEMS Society (CINS), Asia Nano Forum (ANF) and Chinese Society of Micro-Nano Technology (CSMNT) and other societies from each country and regions. **iCAN'2009** is sponsored by major MEMS industries including, MEMSIC, Nippon Signal, China Star, Nano-Micro Electronics, Chongqing Jinshan, MicroChip, and Microsensing. At this seminar, Dr Lerwen LIU will introduce **iCAN** activities including background, scope, criteria, timeline, selection and prize. We also welcome students who are interested in iCAN to join this briefing and network.

#### ABOUT THE SPEAKER

**Lerwen LIU** is an Asia-based nanotechnology expert specializing in government and corporate strategic services to policy makers and corporate executives. She also specializes in business development and project management for leading nanotechnology companies in their global expansion of R & D, commercialization and market. Since 1999 she has been actively building nanotechnology networks with government agencies, R & D institutions and industries across the world, especially promoting nanotechnology policy and cooperation in the Asia region. She co-founded the Asia Nano Forum (a Singapore-based network organization linking 14 Asia Pacific economies) and is currently its Secretary. She also founded the SingNano network, with the support of A\*STAR, EDB and SPRING in Singapore, which provides a platform for nanotech government, academic and industry leaders to collaborate and accelerate commercialization of R & D. She liaisons closely with government agencies, R & D organizations and industries Asia, North America and Europe and promotes nanotechnology policy, research activities, products and partnerships to the micro/nanotechnology R & D and business community in Asia. Dr Liu is a director of Zyvex Asia managing its operation in Singapore and its Atomic Precise Manufacturing Program (APM). She is also a strategic advisor and a member of the Board of Directors of Nanostart Asia actively contributing to Nanostart's Asia investment business in Asia Pacific region. She is an evaluation panel member for the Proof-of Concept (POC) grant scheme of the National Research Foundation (NRF), Singapore.

#### ABOUT NANOGLOBE PTE LTD ([www.nano-globe.biz](http://www.nano-globe.biz))

NanoGlobe is a leading nanotech consulting company based in Singapore that provides tailored services to its corporate, government and research institution customers in nanotechnology investment, policy, R&D and industry strategy, and capability assessment. It provides business development and incubator services to nanotechnology start ups through fund raising, recruiting, project management, IP management, marketing, business partnership matching and other needed activities. It also supports multinational corporation and investors with PR, recruiting, business development and M&A. NanoGlobe also specializes in advising and supporting foreign companies to expand their business throughout Asia and locate their Asian business or R&D strategic headquarters in Singapore or other strategic locations. The company was founded Dr Lerwen Liu who is an internationally well-known nanotechnology specialist for her insight and professional services in the global nanotechnology policy, network, business matching, competitiveness assessment and business development.

**\*\* ADMISSION IS FREE \*\*: Please register via email: [serenenano@nano-globe.biz](mailto:serenenano@nano-globe.biz)**