

# Thin Films & Nanotech 2004

The 2nd International Conference on  
Technological Advances of Thin Films & Surface Coating  
& The 1st International Conference on Nanotechnology

13 -17 July 2004 Singapore

Log on to

[www.thinfilms2004.org](http://www.thinfilms2004.org)

[www.nanotech2004.org](http://www.nanotech2004.org)

## Call For Papers

Selected papers from Thin Films 2004 will be published in the Journal of Surface and Coatings Technology (Elsevier); Selected papers from Nanotech 2004 will be published in the International Journal of Nanoscience (World Scientific).

INTEREST AREAS include but not limited to:

### Thin Films 2004

- Optoelectronic thin films
- Magnetic and electronics thin films
- MEMS thin films
- Smart thin films (PZT, SMA, etc)
- Diamond and nitride thin films
- Carbon-related thin films
- Nanostructured / nanocomposite thin films
- Biological thin films / coatings
- Tribological / corrosion-resistant coatings
- Characterisation of thin films / coatings
- Plasma science and process modeling

### Nanotech 2004

- Carbon nanotubes & nanocrystals
- Nano-photonics & nano-optoelectronics
- Computational nanoelectronics
- Molecular electronics
- Nano-sensors & nanoscale devices
- Bionanotechnology
- Nanometrology
- Nanostructured materials
- MEMS & NEMS
- Ultra-precision machining
- Focused ion beam & ultrafast laser technology
- Nanoimprinting & nanolithography
- Nanotechnology Business Opportunities Forum

## IMPORTANT DEADLINES

- Abstract submission: March 1, 2004
- Notification of acceptance of abstracts: March 15, 2004
- Full manuscripts for review: May 3, 2004
- Notification of acceptance of manuscripts: May 10, 2004

## Keynote

*Professor Joseph E. GREENE*

*Editor-in-Chief, Thin Solid Films, University of Illinois*

**Microstructural and Surface Morphological Evolution at the Atomic Scale during Growth of Transition-Metal Nitride Coatings: Self-Organized Nanostructures**

*Professor Yeshayahu Shay LIFSHITZ*

*City University of Hong Kong, China*

**Nucleation of Diamond**

*Professor Stan VEPRAK*

*Director of the Institute for Chemistry of Inorganic Materials  
The Technical University of Munich, Germany*

**Nano-Sized and Nano-Structured Thin Films:  
Properties and Applications**

*Prof Jackie YING*

*Director, Institute of Bioengineering and Nanotechnology*

*Prof Christoph GERBER*

*Nanoscale Science Group, IBM Research Lab Zurich, and Director of Scientific  
Communication, NCCR National Centre of Excellence for Nanoscience, Switzerland*

## Conference Registration Fees

	By June 1, 2004	After June 1, 2004
Full Registration	SGD680/USD400	SGD820/USD480
Student Registration	SGD400/USD250	SGD480/USD300

Full registration fees include attendance at all sessions, daily lunches and refreshments, conference banquet, and one proceeding on CD. Student registration fees include attendance at all sessions and daily lunches and refreshments ONLY.

## Interest Areas

**In conjunction with Nanotech 2004 -**

1-DAY Nanotechnology Business Opportunities Forum is open to all Thin Films 2004 & Nanotech 2004 delegates for free.

An opportunity not to be missed at Nanotech 2004!

## Participating companies include:

- Applied Materials
- Frost & Sullivan
- Hewlett Packard
- Infineon
- Intel
- MTS
- Samsung
- Seiko Instrument
- Sumitomo
- ST Microelectronics

**For forum participation only - 16 July 2004  
SGD300/USD190**

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# PARTICIPATE BY REGISTERING NOW!

- Be part of a major motion accelerator for Thin Films and Nanotech in this part of the world
- Share your latest knowledge and connect with community of researchers and engineers from industry, research laboratories, and academia
- For a truly interactive and intimate platform, targeting area of interests

## Commercial Exhibit & Sponsorship

An exhibition featuring the latest R & D and technological products, systems and services in the thin films and nanotech industries will be organized. Sponsorship packages are also available to give prominence to organizations' contribution. Contact the Conference Secretariat for more information or to participate.

## Conference Venue

The conference will take place at Meritus Mandarin, situated right smack in Singapore's busiest and most colorful shopping district, Orchard Road!

## Conference Secretariat

Ms Ariel Hui-Ping PECK  
Meeting Matters International  
5 Toh Tuck Link, Singapore 596224  
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