

[COMS 2007](#)

COMS 2007 Newsletter



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Hosted by:



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Welcome

Welcome to the e-newsletter for [COMS 2007](#), the 12th annual conference on Commercialization of Micro and Nano Systems, to be held in beautiful Melbourne, Australia, Sept 2-6, 2007. MANCEF and The State Government of Victoria will be publishing periodic newsletters to bring you up to date on recent developments as the conference evolves. Check your latest edition of the newsletter or click on www.mancef-coms2007.org for the latest updates on speakers, sponsors, and events.

COMS2007 Welcomes [EVG](#) as Lead Sponsor

[EVG](#), a world leading equipment and technology supplier for the MEMS and Semiconductor industry, has set worldwide standards with cost-effective next generation equipment solutions. Among these technologies are Wafer Bonding, double side Lithography, Spray Coating, Temporary Bonding and Nanoimprinting.

Clive Davenport, [MANCEF](#) President and Chair of [COMS2007](#) stated that "We are very fortunate to have strong support from a leading player in the community. EVG has been a strong supporter of MANCEF and COMS and the entire Joint Organizing Committee thanks EV Group for their support."



Herwig Kirchberger, Business Development Manager of EVG, said "We are pleased to support MANCEF and COMS2007 in their goal of accelerating the commercialization of small technologies."

For more information on EVG, please contact Herwig Kirchberger at H.Kirchberger@EVGroup.com or refer to EVG's website at www.EVGroup.com.

Program Highlights

As always, we promise a COMS full of networking opportunities and information exchange from the key users of small technology. We are also working hard to bring you examples of the challenges that others have faced in commercializing these disruptive technologies, and the solutions to overcoming these challenges. We have highlighted the current hot button issues & topics in micro nano commercialization. Some program highlights include:

A review of potential energy saving and energy creating devices discussed by **Bob Warrington** of [Michigan Tech](#), **Robert Mehalso** of Microtec Associates, and **Herwig Kirchberger** of [EVG](#), amongst others. From Energy Scavenging at the Microscale, and Utilizing novel MEMS Technologies and Equipment for Next Generation Photovoltaic Applications, to Applications of Nanotechnology in High Performance Microbatteries, the Energy Stream is sure to be well attended.

The Manufacturing at a Small Scale stream will offer insights from **Junji Adachi** of [Micromachine Center](#) on 'Fine MEMS Project': Technology Development of the Next Generation Micro-Nano Systems, as well as a look at New Generation Products, Materials and Processes, featuring a presentation by **Leslie Derrig** of [Digital Matrix Corp.](#) on Flat Panel Plating: New Opportunities and Advancements, as well as Managing the Diversity in the MEMS Industry from the Viewpoint on an Equipment Supplier, by **Herwig Kirchberger** of [EVG](#).

The Emerging Applications stream will offer insights on the next generation of products and tools. Micro Air Vehicles: Engine Type - Turbojet or Turboprop? by **Anatoly Sudarev** of Center Boyko, Ltd will be discussed along side Ljmmis PROCESS by **Imed Zine Zine-El El-Abidine** from [University Of Calgary](#), and Emerging Applications in Micro and Nano Technologies from the viewpoint of **Gil Herrera**, [Sandia National Labs](#)

Of course, there are too many exciting speakers, panels, and presentations to highlight all of them here. Please visit <http://www.mancef-coms2007.org/> for the full roster of world renowned presenters at COMS2007.

NANOTECHNOLOGY: GET THE FACTS ON A SCIENCE THAT IS CHANGING OUR WORLD

-Sign up for an excellent free learning opportunity for students and teachers-

Want to find out what nanotechnology is all about? Want to find out what is happening locally and internationally regarding nanotechnology education, workforce development, its possible outcomes and the influence it will have on our lives? Want to play with some nanotechnology products?..... If yes, then come along to this stream of [COMS2007](#)!

Featuring speakers from around the world from research, industry, manufacturing, the primary, secondary and tertiary education sectors; this day will de-mystify, intrigue and fascinate as well as help you learn about nanotechnology, what we are doing about preparing our future workforce and its current and future applications.

Technical Tour Sponsors:



Zepto (Carbon) Sponsor:



Internet Lounge Sponsor:



Coffee Cart Sponsor



Mexican pavilion:



A display of some nanotechnology products and trial materials will be available for participants to look at and experience.

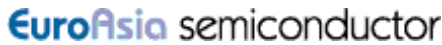
There is no cost for attendance on this day, but participants are required to [register](#) as part of the COMS2007 conference.

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We look forward to welcoming you for this exciting and interactive day. Please visit <http://www.mancef-coms2007.org/Registration/tabid/566/Default.aspx> for more information

Technical Tours:

Media Sponsors:



In addition to the exceptional program at COMS2007, we have lined up three exciting technical tours:

[Australian Stem Cell Centre](#): The Australian Stem Cell Centre is a major Australian collaborative initiative uniting many of the country's leading academic researchers with the biotechnology industry to develop innovative therapeutic products to treat a range of serious injuries and debilitating diseases

[Australian Synchrotron](#): The Australian Synchrotron will be a 3GeV third-generation synchrotron. This section includes technical, logistical and location information on the Australian Synchrotron facility and its construction.

[MiniFAB](#): The Micro-Bio-Nano Company. MiniFAB offers customised manufacturing and advanced product development, exploiting leading edge polymer microfabrication. Our business is the design, fabrication and integration of polymer microengineered systems

Don't miss the opportunity to visit these innovative and educational sites. Please visit the [COMS2007 web site](#) for more information.



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A Special off from our Platinum Media Sponsor - [EUROASIA SEMICONDUCTOR](#)

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The leading semiconductor magazine, examining technology opportunities bridging Europe and Asia. To receive monthly FREE OF CHARGE go to <http://www.euroasiasemiconductor.com/>

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About COMS

The International Conference on the Commercialization of Micro and Nano Systems (COMS) is the leading annual conference on micro and nanotechnology commercialization education. It brings together leaders in the field from across the world, representing organizations and companies from almost every sector of the community. These include leading industrialists, end users, researchers, equipment vendors, customers, VC and angel investors, educators, media, professional organizations, and government. The small tech community gathers at COMS conferences to learn from others, share their own knowledge, and discuss and debate points of view - all of which contribute to the advancement of this emerging field. For everyone concerned about future economic and business development through the exploitation of MNT, COMS 2007 is a conference that cannot be missed. Further information on the conference can be found on the web site: <http://www.mancef-coms2007.org/>

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We look forward to seeing you in Melbourne!

The MANCEF and State Government of Victoria, joint organizing committee