

**Microelectronics and Embedded Systems Workshop 2007 (MES 2007)**  
**January 23-24, 2007**  
**The Biopolis, Singapore**

**CALL FOR POSTERS**

The Microelectronics and Embedded Systems Workshop 2007 is hosting the first joint Asian and UK embedded systems community meeting in Singapore on January 23 and 24.

This event is the first of its kind and is jointly organized by Nanyang Technological University (NTU), Singapore; The British High Commission, Singapore and The Institution of Engineering and Technology (IET) Professional Network on Microelectronics and Embedded Systems with support from Singapore Economic Development Board (EDB) and Agency for Science, Technology and Research (A\*STAR), Singapore.

This two-day event will see senior policy makers, eminent researchers and industry leaders deliver their positions on cutting-edge R&D in state-of-the-art microelectronics and embedded systems through keynote addresses and interactive presentations. This event is a great opportunity to establish strategic industry collaborations and enhance Singapore's R&D portfolio with the UK.

MES 2007 provides the ideal forum to present and discuss:

- Academic research projects
- Industry projects on new applications and techniques
- Recent results of cutting-edge research
- Upcoming research challenges
- Future directions and novel approaches

in the field of Microelectronics and Embedded Systems.

A call for posters is being made to enable researchers showcase their works to prominent industry and academic leaders.

As one of the key goals of this workshop is to foster collaboration between industry and academia, posters from academia and industry, particularly contributions reporting joint work between industry and academia are encouraged.

Topics of interest are (but are not limited to):

- Design Automation and Computer Aided Design
- Micro architecture design
- Reconfigurable computing
- Multi-processor and Network-on-Chip
- Device Modeling and Characterization

- Modeling, Simulation and Validation
- Signal Integrity
- Assembly, Testing and Yield Enhancement
- Synthesis and Optimization
- System-on-Chip
- Formal Methods
- Low power design
- Power estimation and optimization
- Fault Tolerance and Reliability
- Real-time Operating Systems
- Compilers, architectures and software synthesis for embedded systems
- Media and Signal Processing
- Analog and Mixed Signal Design
- Wireless Communications and Networking
- RF Integrated Circuits
- Secure embedded systems
- Innovative and emerging technologies, systems and applications
- Sensor Networks
- Sensors and MEMS

Authors of accepted posters will have a dedicated space at the workshop venue to display their posters and showcase their research to the key speakers, researchers and senior engineers from academia and industry.

They will also have the opportunity to present their research work in front of the key speakers, prominent researchers and industry leaders in a specially allocated time slot for their poster presentations.

The list of confirmed speakers from the UK so far includes:

Warren East, CEO, ARM Holdings PLC  
 Prof. Steve Furber, University of Manchester, UK  
 Prof. Guang-Zhong Yang, Imperial College, UK  
 Prof. Chris Toumazou, Imperial College, UK  
 Prof. Roger Woods, Queens University of Belfast, UK  
 Dr. Tanya Vladimirova, University of Surrey, UK  
 Tony Harker, Institute for System Level Integration, UK  
 Prof. Bashir Al-Hashimi, University of Southampton, UK  
 Prof. Simon Moore, University of Cambridge, UK  
 Prof. Andy Tyrrell, University of York, UK

Important Dates:

**Call for submissions:** October 15, 2006

**Last date for submissions:** November 15, 2006

**Acceptance notification:** December 15, 2006

Submissions should NOT be more than 2 A4 pages in length. Please restrict your poster proposal to 2 pages in PDF format (1 page executive summary + 1 slide) for initial review consideration.

Poster proposals should include the project background and should clearly indicate the main research goals. The executive summary must contain the authors' names, affiliations, contact information and the designated corresponding author.

Please submit your poster proposal through the Poster Submission link on this site.

<http://www.mes2007.ntu.edu.sg/Registration/Online.htm>

Authors of accepted posters will be expected to submit electronic versions of their final presentation slides (limited to MAX 2 slides) and will be expected to bring their own posters for display.

More information about the Workshop can be found at:

<http://www.mes2007.ntu.edu.sg/index.htm>

For any further queries, please contact:

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**DON'T MISS THIS EXCELLENT OPPORTUNITY TO ATTEND MES 2007!!!!!!**

**REGISTRATION IS FREE!!!!!!!!!!**