

Final Call for Papers

An International Joint Conference of

4th ESA Workshop on Millimetre-Wave Technology and Applications

The 8th Topical Symposium on Millimeter Waves

TSMMW2006

The 7th MINT Millimeter-Wave International Symposium

MINT-MIS2006

**February 15-17, 2006
MilliLab, Espoo, Finland**

A unique joint millimetre-wave event of three international conferences will be arranged by European Space Agency (ESA), MilliLab (Finland), NICT (Japan), and MINT (Korea). The aim of the conference is to bring together people involved in research and industrial development of millimetre-wave components and systems for space and terrestrial use, and to explore common areas and synergies in the development of millimetre-wave techniques for commercial and scientific applications.

Conference topics:

- ◆ Millimetre-wave systems and sub-systems
- ◆ Imaging and remote sensing instruments
- ◆ Instruments for radio astronomy
- ◆ Wireless access systems
- ◆ Millimetre-wave home link systems
- ◆ Millimetre-wave LANs and PANs
- ◆ Communication systems and applications
- ◆ Millimetre-wave measurements
- ◆ Antennas and propagation
- ◆ Phased array antennas
- ◆ Device and circuit technologies
- ◆ Millimetre-wave MMICs
- ◆ On-wafer measurements
- ◆ Micromachining and novel fabrication techniques
- ◆ Millimetre-wave photonics
- ◆ Sub-mm wave and terahertz technologies and applications

Calendar of events:

- | | |
|---|-------------------|
| - Abstract (1 page) submission deadline: | October 20, 2005 |
| - Authors notification and preliminary programme: | November 30, 2005 |
| - Final papers submission deadline: | January 5, 2006 |
| - Advanced registration deadline: | January 15, 2006 |
| - Hotel reservation deadline: | January 31, 2006 |

Latest info at conference web site: <http://www.vtt.fi/millilab/conference2006/index.htm>

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Invited speakers:

The conference program is highlighted by numerous invited presentations by distinguished mm-wave experts, including (e.g.) following:

Dr. Roger Appleby, QuinetiQ, UK	"Passive millimetre-wave imaging"
Dr. Alain Maestrini, Univ. Paris 6, France	"Frequency multipliers for local oscillators at THz frequencies"
Dr. Sergei Shitov, NAOJ/IREE, Japan	"Development of a SIS receiver for ALMA band-10"
Dr. Tadao Nagatsuma, NTT, Japan	"120-GHz wireless Communication link"
Dr. Jin-Koo Rhee, MINT, Korea	"High-performance 94 GHz Single Balanced Mixer Based on 70 nm MHEMTs and DAML Technology"
Dr. Zoya Popovic, Univ. of Colorado, USA	<i>Title to be confirmed</i>

List of invited speakers is still evolving. Check latest info at the conference web site.

Paper submission guidelines:

Authors are invited to send one page abstracts on their research and development results in the areas of conference topics by email to the Conference Secretary (mikko.kantanen@vtt.fi):

The deadline for the abstracts is October 20, 2005.

The abstracts are reviewed by the Technical Program Committee and the authors are notified of acceptance by November 30, 2005. Final versions of the accepted papers must be prepared and submitted by January 5, 2006 at the latest. Only electronic submissions in pdf-format are accepted. File size is restricted to 1 MB maximum.

Detailed instructions and templates for abstract and final paper preparation as well as for electronic submission are available at conference web site. (<http://www.vtt.fi/millilab/conference2006/instructions.html>.)

Registration fee:

Conference participants are encouraged to register in advance by January 15, 2006. The advance registration fee is EUR 300. The fee includes attendance to all sessions plus refreshment breaks, lunches, the Conference Reception and a copy of the Proceedings. Registration fee after January 15 is EUR 360. Registration on site at Workshop is accepted only by cash (EUR) or credit card.

Venue, activity and travel information:

The Conference will be held in Espoo, Finland on February 15-17, 2006. The venue is the Dipoli Building, which is located in the campus area of Helsinki University of Technology, VTT Technical Research Centre of Finland, and MilliLab. This campus area is situated in the city of Espoo in Otaniemi, about 10 km from downtown Helsinki. (<http://www.dipoli.hut.fi/english/index.html>)

The Conference Reception, will on Thursday night, Feb 16, 2006. Tours of the MilliLab labs of TTK and VTT will be arranged on Wednesday afternoon (following the talks).

Information about hotels, weather and travelling in Finland can be found at conference web site.

For further information, please contact:

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MilliLab, VTT
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Organising Committee:

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Koji Mizuno, Tohoku Univ., Japan (Co-chair)
Jung-Woong Ra, GIST, Korea (Co-chair)

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Jin-Koo Rhee, Dongguk Univ., Korea
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