

First Announcement and Call for Papers
(latest info at <http://www.vtt.fi/millilab>)

3rd ESA Workshop on Millimetre Wave Technology and Applications: circuits, systems, and measurement techniques

May 21-23, 2003
MilliLab, Espoo, Finland

The third European Space Agency (ESA) workshop on the technology and applications of millimetre waves will be organised by MilliLab jointly with ESA/ESTEC, VTT and Helsinki University of Technology. The aim of the workshop is to bring together people involved in research and industrial development of millimetre wave components and systems, and to explore common areas and synergies in the development of millimetre wave techniques for commercial and scientific ground-based and space-borne applications. A non-exhaustive list of the topics is the following:

- Mm-wave systems and sub-systems
- Active and passive devices and circuits
- Millimetre-wave MMICs
- Hybrid circuits on quartz and other substrates
- Periodic structures and novel transmission lines
- Antennas and antenna measurements
- On-wafer measurements
- Power measurement and calibration
- MEMS, micromachining and novel fabrication techniques
- Quasi-optical techniques
- Imaging and remote sensing instruments
- Instruments for radio astronomy
- Telecommunications applications
- Automotive applications
- Industrial and military applications

Organising committee:

Prof. Jussi Tuovinen	Chair	MilliLab, VTT Inf. Technology	jussi.tuovinen@vtt.fi
Prof. Antti Räisänen	Co-Chair	MilliLab, HUT Radio Laboratory	antti.raisanen@hut.fi
Dr. Tapani Närhi		ESTEC Payload Systems Division	tapani.narhi@esa.int
Dr. Peter de Maagt		ESTEC Electromagnetics Division	peter.de.maagt@esa.int
Prof. Markku Sipilä		MilliLab, VTT Inf. Technology	markku.sipila@vtt.fi
Mr. Timo Karttaavi		MilliLab, VTT Inf. Technology	timo.karttaavi@vtt.fi
Dr. Juha Mallat	Secretary	MilliLab, HUT Radio Laboratory	juha.mallat@hut.fi

Calendar of events:

- Abstract (1 page) submission deadline: February 7, 2003
- Authors notification and preliminary programme: March 7, 2003
- Final papers (max 6 pages) submission deadline: April 8, 2003

Authors are invited to submit one page abstracts to: (pdf or Word file formats only)

Dr. Juha Mallat, Workshop secretary, e-mail: juha.mallat@hut.fi
MilliLab, HUT Radio Laboratory
P.O.Box 3000, FIN-02015 HUT, Finland
tel: +358-9-451 2247, fax: +358-9-451 2152