

**Joint Workshop MIMOSA/e-CUBES  
Satellite event at ESSDER/ESSCIRC conference**

**“Technologies for ambient intelligence”**

September 22nd 2006  
Congress Center, Montreux, Switzerland

**Technical co-chairs:**

*Pascal Ancy (STMicroelectronics), Werner Weber (Infineon)*

**Organization committee:**

*Paolo Dainesi, Adrian Ionescu (Electronics Laboratories, EPFL)*

The “Technologies for ambient intelligence” workshop is jointly organized by MIMOSA and e-CUBES integrated projects and a special invitation has been extended to Healthy-aims project. The event intends to present state of the art research and development activities related to ambient intelligence with special attention on the applications focused by the three projects: telecommunications, aeronautics, automotive, fitness and health care.

The workshop is also intended as an open forum for discussion in order to exchange ideas, maximize synergies between the different groups, and prospect for future possible collaborations.

In the first session of the workshop overviews of the projects MIMOSA e-CUBES and Healthy aims will be presented by their respective project coordinators in order to define a global picture of the different topics which will be addressed during the day.

Sessions two and three will cover more the technical aspects of the projects by presenting different results achieved especially in the fields of micro-sensors, MEMS and NEMS oscillators accelerometers and receivers, RF radios and 3D integration.

Two invited speakers, Dr. Vladimir Ermolov from Nokia research and Prof. Kazuo Yano will give keynote presentations on architecture for mobile centric ambient intelligence and on the wireless sensors state of research in Japan at Hitachi, respectively.

Finally a panel session is organized to debate with project partners and invited speakers on the future of ambient intelligence concepts, technologies, businesses and markets.

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