

Industrial panel discussion

This year the conference will include a panel discussion among the leaders of research and the industrial world. It is a key stage for both scientists and industrial partners to focus on the state of art of the MUT and their applications in various the fields.



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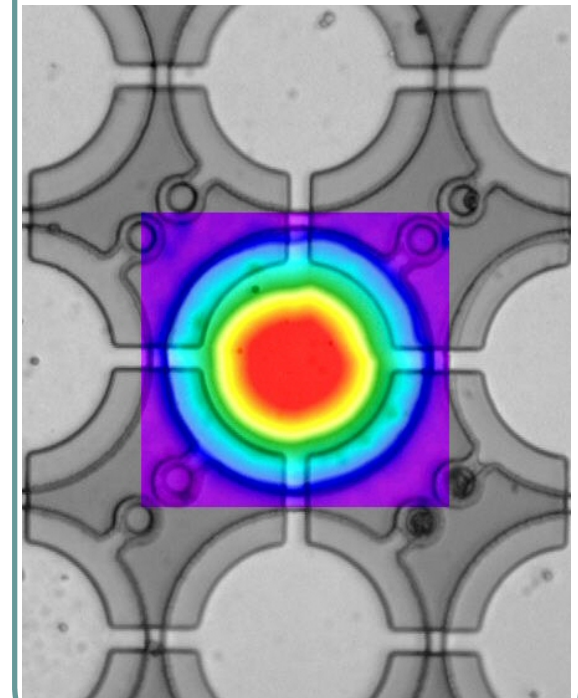
**DEPARTMENT OF ELECTRONIC AND
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**University of Salerno,
Salerno, Italy
June 16-17, 2011**

10th International Workshop on Micromachined Ultrasonic Transducers



Initiated in 2001 in Rome, the MUT (Micromachined Ultrasonic Transducers) workshop took place since then, almost every year, in various cities of Europe (Besançon (2002), Lausanne (2003), Florence (2004), Munich (2006), Antalya (2007), Trondheim (2008), Besançon (2009), Panevezys (2010)). It gathers researchers and engineers from all over the world to exchange knowledge, ideas, results and perspectives on this new and attractive applicative field.

Micromachined Ultrasound Transducers present good bandwidth characteristics, design flexibility, electronic interface integration and, potentially, low cost. They offer a promising alternative to piezoelectric transducers for various medical and industrial applications.

Topics

- Concepts and fundamentals
- Technologies
- Processing, fabrication and material issues
- Electronics interfacing and packaging
- Modeling: nonlinearities, FEM simulation, cross-talk
- Characterization
- Applications

Papers are solicited for this conference describing original works in the field of micromachined ultrasonic transducers. Oral presentation format will be used at the symposium. The deadline for the abstract submission is **April 16, 2011**.

Program, abstract submission, accommodation, and social events are available on the workshop web site:

www.cmut.it

Scientific Committee

- **Abdullah Atalar**, Bilkent University, Turkey
- **Marc Berthillier**, Université de Franche-Comté, France
- **Giosuè Caliano**, University Roma Tre, Italy
- **Massimo Pappalardo**, University Roma Tre, Italy
- **Levent Degertekin**, Georgia Institute of Technology, Atlanta, USA
- **Peter-Christian Eccardt**, Siemens, München, Germany
- **Jean-Francois Gelly**, GE, Sophia Antipolis, France
- **B. T. Khuri-Yakub**, Stanford University, USA
- **Reinhard Lerch**, University of Erlangen, Germany
- **Paul Muralt**, EPFL, Lausanne, Switzerland
- **Arne Rønnekleiv**, NTNU, Trondheim, Norway

Local Organizers

- **Nicola Lamberti**, University of Salerno, Italy
- **Giosuè Caliano**, University Roma Tre, Italy