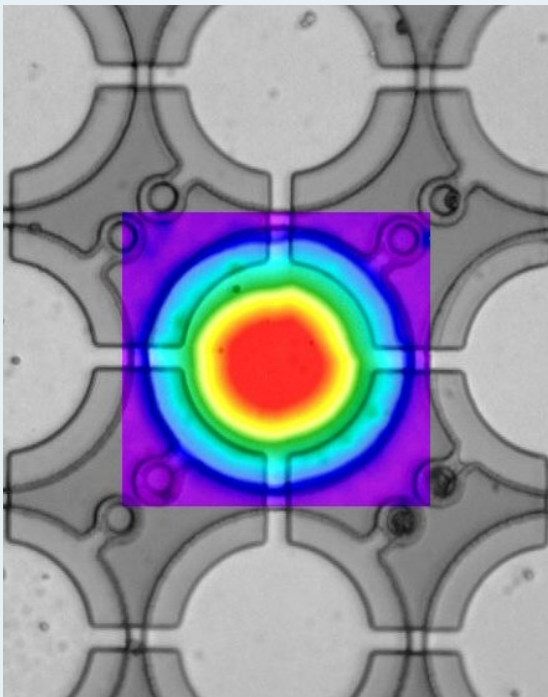


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Dipartimento di Ingegneria



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Contact

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Venue

Dipartimento di Ingegneria
Università degli Studi Roma Tre
“Aula Conferenze”
Via Vito Volterra, 62
00146 Roma

Website

www.cmut.it/mut2016

Registration

The info about registration and hotel accommodation will be published on the web site of the workshop.

Social events

The attendees are invited to a social dinner on one of the most beautiful terraces in Rome.
A bus will take all participants on a sightseeing tour of the Eternal City.



ROMA 2016

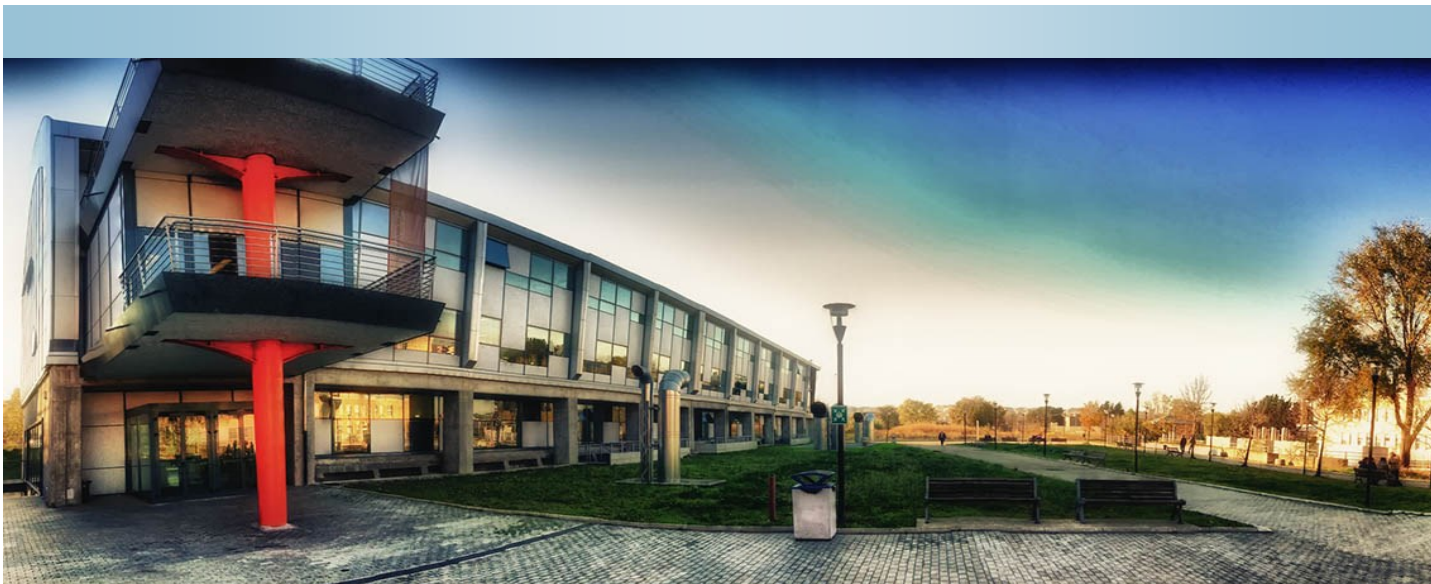
MUT 2016

15th International Workshop on
Micromachined Ultrasonic Transducers

June 9-10, 2016

“Aula Conferenze”

Dipartimento di Ingegneria
Università degli Studi Roma Tre



MUT 2016: a place to exchange ideas and programs

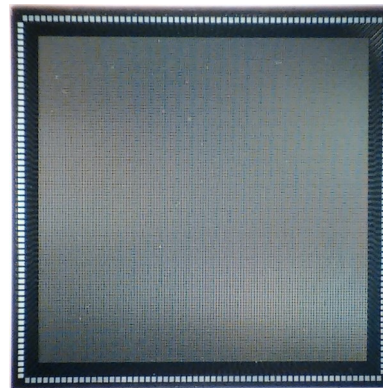
Initiated in 2001 in Rome, the MUT (Micromachined Ultrasonic Transducers) workshop has taken place almost every year in various European cities: Besançon (2002), Lausanne (2003), Florence (2004), Munich (2006), Antalya (2007), Trondheim (2008), Besançon (2009), Panevezys (2010), Salerno (2011), Tours (2012), Side (2013), Copenhagen (2014), Dresden (2015).

Researchers and engineers gather from all over the world to exchange knowledge, ideas, results and perspectives on Micromachined Ultrasonic Transducers, that offer promising new applications in the medical, commercial, and consumer fields.

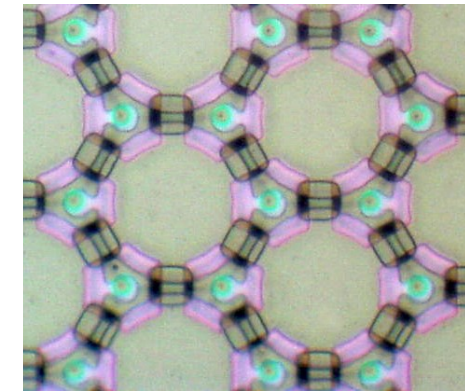
The 15th MUT conference will take place in Rome, Italy. In the course of the workshop, attendees are invited to join additional conference-related activities.

The venue, "Dipartimento di Ingegneria" of the Università Roma Tre, is a city campus, in a historical industrial area of Rome, extensively renovated, near the Basilica of San Paolo and the underground Metro station.

The staff conducts research at high international level in many areas of engineering and basic sciences, with cooperation and financing from around the world.



A 120+120-element CMUT orthogonal array for medical imaging developed in the PRIN project supported by the Italian Ministry of Education, University and Research (*Aculab-Roma Tre*).



Detail of a high-frequency CMUT array element (*Aculab-Roma Tre*).

Topics

- Concepts and fundamentals
- Technologies
- Processing, fabrication and material issues
- Electronics interfacing and packaging
- Modeling: nonlinearities, FEM simulation
- 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, 2016.

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

www.cmut.it/mut2016