

VENICE, CA' BOTTACIN - DORSODURO 3911, C. CROSERA

FEBRUARY 15-16

HOSTED BY ECLT CENTER

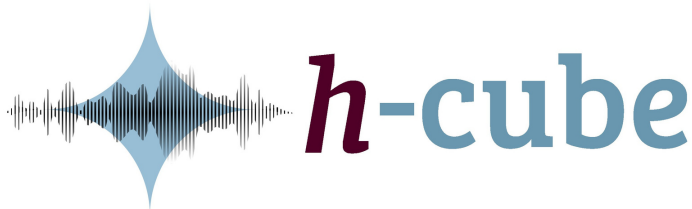


H-CUBE

PRESENTS

**THz DETECTORS
TECHNOLOGY**

THEMATIC WORKSHOP ON RESEARCH AND APPLIED FRONTIERS



The workshop will comprise speakers from academia and industry, with the goal of delving into the current state of research as well as exploring industry needs. Our goal is to bridge the gap between these two worlds, fostering collaboration and innovation.

THURSDAY, FEBRUARY 15TH

14:00 - 14:30

Welcome coffee

FIRST SESSION - MODERATED BY DR. ANDREA PERUCCHI

14:30 - 15:15

Prof. Pitanti "THz detection with thermomechanical bolometer arrays"

15:15 - 16:00

Prof. Sirtori "THz detection and strain engineering using driven mechanical oscillators"

16:00 - 16:45

Prof. Hao "Antenna and array design consideration for THz photodetectors with enhanced performances"

16:45 - 17:30

Mr. Graham-Rack "Passive THz imaging - application to people screening and opportunities to exploit advances in sensor capabilities"

17:30 - 19:00

Aperitif

FRIDAY, FEBRUARY 16TH

9:00 - 9:30

Welcome coffee

SECOND SESSION - MODERATED BY DR. CLAUDIO MARINELLI

9:30 - 10:15

Prof. Tredicucci "THz optics with thin materials"

10:15 - 11:00

Prof. Bonetti "Robust phase retrieval methods for terahertz time-domain reflection spectroscopy and imaging"

11:00 - 11:45

Dr. Vitucci "THz sensing and imaging - current and emerging opportunities, and unmet technology needs"

11:45 - 12:30

Discussion