

# I WORKSHOP ON ULTRASOUND AND APPLICATIONS

**6 DEC. 2012**

**IEETA AMPHITHEATER  
UNIVERSITY OF AVEIRO**

**14h30 - Daniel Albuquerque | IEETA/DETI-UA**

RF-free Ultrasonic Indoor Positioning. Room Simulator and Data Communication.

**15h00 - Fernando Álvarez | University of Extremadura, Badajoz, Spain**

Advanced Airborne Sonar Systems - New techniques for objects location and recognition.

**15h30 - Sérgio Ivan Lopes | IEETA/DETI-UA**

Broadband Ultrasonic Signals for High Accuracy Indoor Positioning.

16h00 - Coffee Break

**16h30 - Marcos Martins | Univ. of Minho**

Underwater Communications using Ultrasounds.

**17h00 - Francisco Curado | CESAM-UA**

Sonar Modelling for Simulation of Underwater Navigation Systems.

**More Info: [jnvieira@ua.pt](mailto:jnvieira@ua.pt)**



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