



The Acoustics of Ancient Theatres Conference  
Patras, September 18-21, 2011

## **ACOUSTIC BEHAVIOUR OF THE CHAMBER OF DEAD IN THE NEKYOMANTEION OF ACHERON RIVER**

E. J. Sellountos, Demosthenes K. Polyzos, Stephanos A. Paipetis

Department of Mechanical Engineering & Aeronautics, University of Patras, Patras,  
Greece

### **Abstract**

The acoustic behaviour of the Sacred Crypt, an underground structure in the Nekyomanteion of Acheron River, is investigated. A thorough numerical study reveals that advanced knowledge of interior acoustics was employed in the construction, allowing for acoustical effects, making the alleged communication with the dead more impressive.