



DISTINGUISHED LECTURES
Stelios Orphanoudakis

This Distinguished Lectures series honors the memory of Stelios Orphanoudakis (1948-2005), Professor at the Computer Science Department of the University of Crete, Director of the Institute of Computer Science of FORTH for a decade (1994-2004), and Chairman of the Board of Directors of FORTH from 2004 until his premature loss, in March 2005. Keynote speakers of the “Stelios Orphanoudakis” Distinguished Lectures series are internationally recognised scholars nominated by a Selection Committee comprising eminent scientists from within and outside FORTH.

“Imaging in Complex Systems”

Abstract: In the emerging interdisciplinary science of imaging, in all its forms, sensor imaging in complex media has a special place. This is because of the mathematical challenges it poses as well as because of the many applications that depend on its success, from high-resolution medical imaging to seismic imaging, satellite imaging, etc. I will give a brief overview of the mathematical issues that come up and then introduce correlation based, or interferometric methods that are well suited to deal with complex media. I will give examples from seismic imaging where correlation based methods have had a huge impact recently.

FORTH

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INVITATION

The Board of Directors of FORTH
invites you to the lecture entitled

“Imaging in Complex Systems”

by

George C. Papanicolaou

Robert Grimmett Professor of Mathematics
Mathematics Department, Stanford University

The lecture will take place on **Friday, 28 June 2013 at 18:00 hrs**
at the amphitheatre of FORTH “Georgios Lianis” in Heraklion, Crete

*The Distinguished Lectures “Stelios Orphanoudakis” 2013
are focused on the area of Mathematics.*

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