



ERC Ideas Research Program DARE :

**Soil Foundation Structure Systems Beyond Conventional Seismic "Failure" Thresholds:  
 Application to New or Existing Buildings and Monuments**

**1st Informal Progress Workshop: Friday 4 February 2011**

Time	WP	Title	Presenter/Coordinator
10:00-3:25	<b>1st Part: Internal Progress Meeting</b>		
10:00-10:30	General	Program Description. Aims and Progress	G. Gazetas
	<b>Numerical Simulation and Analysis</b>		
10:30-10:50	WP2	Numerical Analyses of 1-dof systems and Frames: plane strain	I. Anastasopoulos
10:50-11:00		Future Steps	R. Kourkoulis
11:00-11:30		Discussion	
11:30-12:00	Coffee Break		
	<b>Development of Simplified and/or Analytical Methods</b>		
12:00-12:10	WP3	Macroelements	A. Pecker
12:10-12:15		Discussion	
12:15-12:25		Elastoplastic Winkler	E. Sapountzakis
12:25-12:30		Discussion	
	<b>Analysis of a yielding Pile-Column in Non-linear Soil</b>		
12:30-12:40	WP4	Piles and Shafts	N. Gerolymos
12:40-12:45		Piles	I. Anastasopoulos
12:45-12:55		Discussion	
	<b>Shaking Table Model Experiments</b>		
12:55-1:05	WP5	Experimental Investigation of Shallow Foundations	I. Anastasopoulos
1:05-1:15		Discussion	
	<b>Analysis of Retrofitted Structures</b>		
1:15-1:25	WP6	Retrofitted Structures	E. Vintzilaïou
1:25-1:35		Monuments	N. Makris
1:35-1:45		Historic Structures	V. Drosos
1:45-2:00		Discussion	
2:00-3:25	Lunch Break		

Time	Title	Presenter/Coordinator
3:30-7:15	<b>2nd Part: Open Discussion with Limited Participation from Greek Consulting Firms</b>	
	<b>Shallow Foundations (WP2, WP3, WP5)</b>	
3:30-3:45	Introduction: Program Objectives and Current Progress (στα ελληνικά)	G. Gazetas
3:45-4:15	Un-conventional seismic design of Foundations	I. Anastasopoulos
4:15-4:40	Rocking Isolation of Frame Structures: Concept and Validation	F. Gelagoti
4:40-5:05	Rocking Isolation of Frame Structures: Insights and Design Limitations	R. Kourkoulis
5:05-5:20	Comments & Discussion	-
5:20-5:50	Coffee Break	
5:50-6:10	Non-linear Soil-Structure Interaction	A. Pecker
	<b>Deep Foundations (WP4)</b>	
6:10-6:30	Macroelements for the Design of Pile-Groups; New Concepts	N. Gerolymos
	<b>Monuments (WP6)</b>	
6:30-6:50	Ancient Monuments: Analysis and Observation	N. Makris
6:50-7:15	Comments & Discussion	

---

Note: The Presentations will be delivered in English