

## **'Out of rubble': Interdisciplinary Perspectives on Minoan Earthquakes.**

**International Workshop organised by the Aegean Interdisciplinary Studies research group (AegIS-UCL-INCAL-CEMA), the Geodynamics and Geofluids research group (KU Leuven) and the Center for Archaeological Sciences (CAS-KU Leuven)**

### *Final programme*

#### First day (Thursday 29th of November 2012)

9h-9h30: Registration

9h30-9h50: Introduction by **Jan DRIESSEN** (AegIS ; Vice-Président INCAL, UCL)

9h50-10h30: **Simon JUSSERET** (UCL) & **Manuel SINTUBIN** (KU Leuven): *Introduction – A short history of Minoan earthquake archaeology*

10h30-11h10: **Charalampos FASSOULAS** (Natural History Museum of Crete, University of Crete): *Neotectonic setting, active faulting and human civilization development in the island of Crete*

11h10-11h40: *Coffee break*

11h40-12h20: **Gerassimos PAPAPOULOS** (National Observatory of Athens): *Large earthquakes in the Hellenic Arc: a key for understanding seismic destructions in Cretan Minoan settlements*

12h20-13h00: **Tim CUNNINGHAM** (UCL): *Earthquakes as depositional agents: assessing seismicity in destruction contexts.*

13h00-14h30: *Lunch break*

14h30-15h10: **Clairy PALLYVOU** (Aristotle University of Thessaloniki): *The Minoan architectural style of openness and mutability as stimulus for the development of an earthquake resistant building technology.*

15h10-15h50: **Eleftheria TSAKANIKA-THEOHARI** (National Technical University of Athens): *Minoan structural systems. Aseismic characteristics. The role of timber.*

15h50-16h20: *Coffee break*

16h20-17h00: **Vasiliki MOUSLOPOULOU** (Technical University of Crete): *Is the Spili Fault in Crete responsible for the double destruction of the Minoan Palace at Phaistos?*

17h00-17h40: **Matthieu GHILARDI** (CNRS, UMR 7330 CEREGE): *Mid-Holocene abrupt environmental changes in the area of ancient Phaistos (Crete): evidence for a violent earthquake event?*

17h40-18h00: General discussion

18h00-18h30: Poster session

18h30-20h00: Reception (Hall Erasmushuis)

Deuxième journée/Second day (Friday 30th of November 2012)

8h45-9h00: Registration

9h00-9h40: **Klaus REICHERTER** (Aachen University): *From the present to the past: damaged buildings and structures as seismographs*

9h40-10h20: **Efi SAPOUNA-SAKELLARAKI** (Archaeological Society at Athens): *Earthquakes in the LM IA period. The case of Zominthos"*

10h20-10h50: *Coffee break*

10h50-11h30: **Colin MACDONALD** (British School at Athens): *Punctuation in Palatial Prehistory: earthquakes as the stratigraphical markers of the 18<sup>th</sup>-15<sup>th</sup> centuries B.C. in Central Crete*

11h30-12h10: **Jeffrey SOLES** (The University of North Carolina at Greensboro): *Evidence for Two Earthquakes at Mochlos, Crete, in the Late Minoan I Period, c. 1530 and 1430 B.C.*

12h10-13h00: Final discussion (Chairpersons: Simon Jusseret & Manuel Sintubin)

13h00: Closure of the meeting