

# "LEVANT FAULT"

**April 3rd, 2009**

**9h20**

Introduction to the "Levant Fault" Workshop,  
by Y. Klinger, IPGP, France.

**9h30**

Repeated faulting at Vadum Iacob - a multi-layered archaeological site on the Dead Sea Fault.  
by S. Marco, Tel Aviv University, Israël.

**10h00**

Active tectonics and seismic hazard of the Lebanese Restraining Bend  
by A. Elias, American Univ. of Beyrouth, Lebanon.

**10h30**

Large earthquake sequences along the Dead Sea Fault:  
Rupture constraint from Archeoseismology and Paleoseismology  
by M. Meghraoui, EOST, Strasbourg, France.

**11h00 - 11h30**

Open discussions and coffee break

**11h30**

Slip-rate at different time scales along the southern Levant fault  
by Y. Klinger and M. Le Béon, IPGP, Paris, France.

**12h00**

The Dead Sea Transform and the Dead Sea Basin-  
Structure and dynamics  
by M. Weber and the DESERT and DESIRE teams, GFZ, Potsdam, Germany.

**12h30**

Does the Levant system have the potential for a sustained  
supershear rupture ?  
by D. Robinson, Univ. of Oxford, UK

**12h40**

Lunch break.

**14h30**

Terrestrial paleotemperature in the Levant – Why and how ?  
by M. Daëron, LSCE, Orsay, France.

**15h00**

What do we learn from Chlorine 36 about crustal deformation  
in Lebanon?  
by L. Benedetti, Cerege, Aix-en- Provence, France.

**15h30**

Paleoenvironment-paleoclimate in Lebanon during the last climatic  
cycle. Deciphering the Yammouneh sedimentary section  
- since the last Glacial Maximum  
by F. Gasse, Cerege, Aix-en- Provence, France.  
- the last climatic cycle  
by A.L. Develle, Cerege, Aix-en- Provence, France.

**16h00**

The role of Dead Sea Rift in Hominid dispersal  
by G. King, IPGP, Paris, France.

**16h30** : Open discussion - Conclusion.

For logistic planning, if you intend to participate please  
send a email before March 27th to [klinger@ipgp.jussieu.fr](mailto:klinger@ipgp.jussieu.fr)

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