



## Paleomagnetism in the Levant and Near East: Honoring Late Prof Hagai Ron (1944-2012)

October, 15 2017

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Prof. Hagai Ron, a teacher, colleague, and friend, was the founding father of the paleomagnetic research in Israel and a worldwide pioneer in paleomagnetism. In his memory, we invite the broad geological community to a special meeting dedicated to paleomagnetism of the Levant and the Near East and its applications in geology and archaeology. Lectures will be given by two invited speakers and by Hagai's former students. Each talk will be followed by an open informal discussion session. Lectures will be given in English.

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09:00 – 09:20

**Opening words:** Yehuda Eyal, Moti Stein

09:20 – 10:00

### **Hunting the magnetic field**

Prof. Lisa Tauxe, Scripps Institution of Oceanography, University of California, San Diego, USA

10:00 – 10:40

### **Magnetite versus Greigite - The good and the good-for-nothing?**

Prof. Norbert R. Nowaczyk, Helmholtz-Zentrum Potsdam, GFZ, Postdam, Germany

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10:40 – 11:00 **Coffee break**

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11:00 – 10:30

### **On the deformation of the Lisan Formation**

Prof. Ram Weinberger, Geological Survey of Israel

11:30 – 12:00

### **Dynamics of ridge-transform intersection: implications from rock magnetism in the Troodos ophiolite**

Dr. Meir Abelson, Geological Survey of Israel

12:00 – 12:30

### **Geochronology of the Erk-el-Ahmar formation: a paleomagnetic and cosmogenic case study.**

Prof. Ari Matmon, The Hebrew University of Jerusalem

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12:30 – 13:30 **Lunch and drinks**

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13:30 – 14:00

### **A new perspective on intraplate crustal rotations.**

Dr. Roi Granot, Ben Gurion University of the Negev.

14:00 – 14:30

### **Archaeological applications of the Levantine Archaeomagnetic Curve**

Dr. Erez Ben-Yosef, Tel-Aviv University.

14:30 – 15:00

### **Short term geomagnetic anomalies and their impact on Earth systems**

Dr. Ron Shaar, The Hebrew University of Jerusalem.

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15:00 – 17:00 **Lab tour, drinks**

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