



## סמינר מחלקתי

# From crystal rim to plate tectonics – Reviewing the scientific logic of a set of research projects that span from micron-scale observations to planetary size conclusions

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**Abstract:**

The scientific process of translating multiple observations into a logical assumption often times incorporate a step in scale (size and/or time). In this talk we will showcase a set of scientific projects that take unconventional steps in scales between direct microscopic and field observations to wide general or global scale interpretation/conclusions.

We will discuss the scientific justifications and examine the logic benefits and detriments of the works presented. The case studies will be both from the Mediterranean and SW Pacific regions.