



# From Fishnet Stockings to Falling Apples: Earthquake Interaction on the Scale of a Fault to the Planet

**Ross STEIN**

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*Ross will use QuakeCaster, a demonstration apparatus he developed, to explore the fundamental riddle of earthquakes: Why quakes are sporadic when the forces that drive them are steady. QuakeCaster also provides a way to visualize how researchers are making progress in the difficult problem of earthquake forecasting. Using computer animations and slides to extend the demo into three dimensions, he will delve into the strange world of earthquake interaction and triggering. These illustrate how stress triggering can make sense out of earthquake sequences in California, Turkey, Japan, and Indonesia. Finally, Ross will argue that very rarely, megaquakes can trigger large aftershocks all over the globe.*

**Jeudi 11 juillet 2014 à 11h  
Salle de conférences d'ISTerre**

OSUG-C, 1381 rue de la piscine, Campus Universitaire  
Arrêt Tram B/C Bibliothèques universitaires