Tectonic stress field in the Valley of Mexico from local seismicity]



P1.4-630

Author: Delia Iresine Bello-Segura; Co-autor: Dr Luis Quintanar Robles (Universidad Nacional Autonoma de Mexico (UNAM))

- •I am going to tell you why understanding local earthquakes is crucial for seismic hazard assessment in one of the largest urban areas in Latin America (Mexico City).
- •And what we did about it was to perform Moment Tensor inversions of 24 events and attenuation curve calculations using seismic networks in Mexico City.
- •The most important result of our work is the identification of predominant normal faulting with strike-slip variability, and strong site-dependent attenuation differences.
- •If you want to find out more, come over for a chat in front of our poster.
- •Our poster is about the analysis of local seismicity and stress field in the Valley of Mexico.



