

Mona Hamada, Hanan Gaber
National Research Institute of Astronomy and Geophysics-Egypt

P1.2-373

Come over to see our poster if you would like to find out more about :

- Estimating the Moho Depth and average lithospheric structure beneath Beni Suef-Siwa sector in northern Egypt.
- I am going to tell you why we choose these stations and how it is important to apply receiver function analysis (RFn) and phase velocity dispersion curve on the selected seismic stations
- And what we did about the data set to analyse the earthquake's waveforms , the conditio in selecting it and computing the RFn beneath each station and estimate the surface wave phase velocity 1 D model for the two stations sector in the same big circle.
- The most important result of our work is to appriase 1-D shear velocity model between the Beni Suef -Siwa Sector, northern Egypt.

If you want to learn more about this, come see my e-poster during session P1.2-373 or access it online on the SnT2025 Conference platform!

