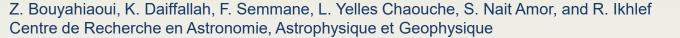




## **Dellys Fireball: Determination of Characteristics Using Infrasound and Seismic Detections**





P3.5-757

- The subject of this study is the Fireball event that occurred on the night of November 24 to 25, 2022 in Northern Dellys.
- The acoustic event's fragmentation position was localized using the travel time method, a technique that was employed at four seismic stations that recorded the acoustic event.
- Meteorological data were utilized to estimate the atmospheric model and to accurately determine the travel times of the acoustic wave.
- The energy of the fragmentation was estimated using infrasound signals.

