



ID: P3.5-757

Type: E-poster

Fireball: Determination of Characteristics Using Infrasound and Seismic Detections.

On the night of 22 November 2022, at 22:22 UTC, a fireball was observed in the sky over Dellys, a town in north-eastern Algeria. According to eyewitness reports, the celestial body was seen travelling from the south-west to the north-east. Two recently installed infrasound stations recorded the signal from this trajectory, enabling the determination of some of the meteor's characteristics. The utilization of Algeria's ADSN seismic network enabled the recording of the event by multiple stations, facilitating the determination of the fragmentation position and the shock wave propagation direction.

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Session Classification: P3.5 Analysis of Seismic, Hydroacoustic and Infrasound Monitoring Data

Track Classification: Theme 3. Monitoring and On-Site Inspection Technologies and Techniques: T3.5 Analysis of Seismic, Hydroacoustic and Infrasound Monitoring Data