

## Infrasound from rocket launches and reentries observed at the IMS

LIGHTNING TALK

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- Rocket launches for space missions
  - Their infrasonic signature
  - Their detection at IMS arrays
  - Their usefulness for explosion monitoring and the estimation of IMS detection capability
- Reentries of man-made space material
  - Their source characteristics
  - Their detection at IMS arrays
  - Their signal propagation and detectability at large distances
- Infrasound investigations including
  - Exceptional events featuring some of the strongest rocket launches of recent years
  - Systematic studies of 1001 and (in preparation) >2000 rocket launches and their IMS detection





