

NON-EM CONVEYORS OF COSMIC INFORMATION

Channels which do not involve long-range propagation of EM signals from sources:

- o Interplanetary spacecraft for in-situ sampling
- o Meteorites (including from Mars & the Moon)
- o Terrestrial isotopic abundances
- o Interplanetary/interstellar dust grains

[Dust deposition on Earth: ~ 150 tons/day]

- o Cosmic rays
- o Solar wind
- o Geophysical evidence: $L_{\odot}(t)$; SN irradiation?; impact craters
- o Neutrinos
- o Tides
- o Gravitational waves
- o Dark matter particles??