- st time:
- nere are we? 🗸
- w did we get here? 🗸
- ny do astronomers drink so much co
- day:
- cap
- w do we learn about the universe?



our solar system:

the sun e planets and asteroids



a collection of bil (including o





also inside our own galaxy: net



DUS Pillars • M16 a • ST Scl OPO • November 2, 1995 and P. Scowen (AZ State Univ.), NASA <image><image><image>



and black holes ...



a bit further out ...



he largest scales ne universe is uniform

00 000 000 light years

nt year = illion million km

a brief history of the unive

(When the universe was 300 000 ye

THE ELECTROMAGNETIC SPECTRU

The Spitzer Infrared Space Tel

James Clerk Maxwell millimeter Telescope

radio arrays

the Very Inter

the Milky Way

getic electrons

spectrum of the sun

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also tells us things are mov or away fr

