“When you come to a fork in the road, take it”

--- Y. Berra

Discussion

- What is the science that we really want to do?
  - We do not suffer from a lack of science goals!
  - We need to expand “we”
- Over the next 15 years what should the US invest in cm/m telescopes?
  - What should our investment be vs. frequency?
    - » Low-band: < 0.3 GHz
    - » Mid-range: 0.3 to ~ 2 GHz
    - » High-band: ~1 to 25 GHz (or higher)
  - Which existing facilities would be replaced/subsumed?
    - » When?
  - Which new observatories would be built as:
    - » US-only?
    - » North American collaboration?
    - » International collaboration?

A Plan

Propose to the next decadal survey after consensus building (Chicago 3, etc.)

- EoR array: experiment now, an SKA later if successful
- Hydrogen [RLSST/pulsar] array: 0.3 – 3 GHz

The big issue: high frequencies: disks, GC pulsars, CMB foregrounds, Galactic SF and structure:

- Let EVLA play out and propose a high-f “SKA” at the decadal survey in 2018 … or
- Present a high-f array at the 2008 DS as part of a long term roadmap for cm/m astronomy with a decision tree based on results from the ATA, EVLA, ALMA etc.