THE VLA EXPANSION PROJECT

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Project Goal

- To improve, typically by a factor of ten, the technical capability of the Very Large Array in every key observational characteristic:
  - Senstivity
  - Frequency Accessibility
  - Spectral Capability
  - Resolution
  - Surface Brightness Sensitivity

Possible observations include

- 3D solar tomography (cyclotron lines at diff. depths)
- imaging the dynamic heliosphere (through scattering & RM)