

Goals and Objectives of the Community Workshop

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1. Statement of our vision for the key scientific objectives of US astronomy at m/cm wavelengths in the next decade and beyond.
2. Statement expressing our understanding of the multi-disciplinary context in which the *key scientific objectives of US astronomy at m/cm wavelengths* are established and a statement of the unique insight that observations at m/cm wavelengths bring in that context.
3. Concise assessment of the primary instrument requirements—parameters of the facilities required—that are necessary to address the *key scientific objectives of US astronomy at m/cm wavelengths* and the primary technological challenges they present.
4. Statement of the parameters for which the widely-recognized, international, SKA project meets the primary instrument requirements. Assessment of whether alternative approaches to a monolithic SKA exist for meeting the primary instrument requirements and, if so, note the arguments for pursuing them. (That is, discuss—from a US perspective—whether the SKA is better structured as a telescope or as a program of internationally-accessible, next-generation, facilities). In all cases, discuss the technology development to be done in the US and the role of the TDP in organizing the development.
5. Assessment of the efficacy of the partnership between national centers and academic researchers in the future development of US astronomy at m/cm wavelengths.
6. Recommendation as to the best way to partner with the international SKA project (if that's what we seek to do).
7. Draft ideas regarding proposals we wish to make to the next decadal survey of astronomy and astrophysics.