

The square kilometre array : paving the way for the new 21st century radio astronomy paradigm : proceedings of symposium 7 of JENAM 2010

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Abstrak

Symposium 7 of the JENAM 2010 aimed at bringing these diverse opportunities to the attention of both theoretical and observational astronomers working at all wavelengths, including the potential for synergies with other facilities. The meeting highlighted the scientific potential of the SKA, discussed scientific priorities and their impact on the design of the SKA, explored the synergies between the SKA and other next-generation astronomical facilities in different wavelength domains such as the ALMA, ELTs, LSST, JWST, GRE, IXO, Gaia and Euclid, and high-energy facilities (Auger), explored the 'cyber' infrastructure that may become available for the distribution and distributed analysis of SKA data.