

Thermal history of the Universe at intermediate redshift: progress with 21cm absorption measurements

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21 cm Cosmology: The status of the current redshifted 21 cm experiments

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In the last decade a large effort has been dedicated to detect one of the last phase transitions in the Universe called the Epoch of Reionization and its preceding epoch known as the Cosmic Dawn, specially with redshifted 21 cm probes. I will review the current status of the various constraints that we currently have on reionization. I will also show the current results from the few redshifted 21 cm operating telescopes, a special attention will be paid to the recent results obtained with EDGES and the LOFAR telescope. A discussion about the future of this effort will conclude my talk.

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