
21 cm Experiments: An overview

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Abstract

The weak 21 cm transition from HI is an ideal tracer of large scale structure and astrophysics. As such, numerous experiments are coming online with the goal of measuring redshifted 21 cm emission; targeting cosmic milestones, such as the era of the first stars, reionization, and the epoch of acceleration.

In my talk, I will give an overview on the status of these ongoing 21 cm experiments. I will discuss the systematics challenges that they face and the data analysis and instrumental design strategies being used to overcome these challenges.

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