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## Detecting primordial B-modes from the ground

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The search for primordial gravitational waves through their imprint on the polarization of the CMB is one of the most promising avenues for new discoveries in cosmology. The next generation of measurements will be carried out by ground-based facilities, which must face a number of observational challenges. In this talk I will review the current state of the art and discuss the main strategies that will be used by future experiments, with a particular emphasis on the Atacama-based Simons Observatory.

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