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Abstract for an Invited Paper
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Probing Inflation with Cosmic Microwave Background Polarization¹

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The possibility of detecting of gravity waves sourced during the inflationary epoch using CMB polarization measurements is driving the rapid development of new, sensitive experiments on the ground, from balloons and ultimately from space. I will outline some of the many new developments in detectors, telescopes, analysis and experimental techniques which will lead to unprecedented sensitivity and accuracy in the CMB polarization measurements of the next decade.

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