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Abstract for an Invited Paper  
for the APR17 Meeting of  
the American Physical Society

**Loop Quantum Cosmology and the CMB<sup>1</sup>**

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This talk will provide an up-to-date summary of phenomenological explorations in loop quantum cosmology. The possibility of a quantum gravity origin of the anomalies observed in the cosmic microwave background at large angular scales will be discussed. The talk will also provide some background material for subsequent contributions in the same session.

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