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**Cosmic Microwave Background Radiation Anisotropies: their Discovery and Utilization**

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This talk concentrates on the the Cosmic Microwave Background (CMB) radiation and the role that the observations of CMB anisotropies has played in making Cosmology a modern and precise science. CMB anisotropy along with other observations have led us to a standard model of cosmology that is both calculable and testable and has survived its first comparisons of theory and observations well. We soon expect the observations and theory to improve to the point that we have precise determinations of the key cosmological parameters and at the same time provide serious tests of the underlying physics.