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## **The Inflation Phenomenology of Primordial Phonons, Gravitons, Isocons, and Dilatons with the CMB and LSS, past, present and future**

*Monday 29 May 2017 11:30 (30 minutes)*

CMB and LSS allow us to probe the relics of inflation: phonons aka spatial volume fluctuations, which combine into an entropy-like measure, the orthogonal though entangled isocons, the holy grail gravitons, and the 4-volume dilaton fluctuations. The Standard Model of Cosmology is an amazing few parameter characterization of Planck and other data, but our theorizing and CMB + LSS experiments are in quest of what lies Beyond the SMc.

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