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of Physicists

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Looking for Fossils of the Big Bang in Molecular Spectra

Thursday 14 June 2018 17:30 (20 minutes)

How can you learn about the early moments of the universe? How can you discover evidence for new sub-atomic particles? We usually think of ever-more exotic telescopes, or of ever-larger particle accelerators. I will talk about the third leg of the stool: precision measurement. We will see that the humble two-atom molecule should be thought of as an ultrahigh-electric-field laboratory.

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