



Contribution ID: 38

Type: **not specified**

Correlations in the radio background

Monday, 11 April 2016 15:00 (20 minutes)

Recent estimates of the extragalactic radio background revealed the probable presence of a population of faint but numerous sources contributing for the majority of the background emission. In this talk, I will discuss how to test this hypothesis by studying 1-point and 2-point correlations in the radio sky. I will outline relevant current data and analysis, and highlight forecasts for the SKA and its precursors.

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Session Classification: Afternoon session (1)