

## **Low frequency radio observations of transient activity in the solar corona**

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Since 1997, the Indian Institute of Astrophysics is operating a low frequency radioheliograph (40-120 MHz) at the Gauribidanur observatory near Bangalore for two-dimensional observations of the solar corona in the frequency range 40-120 MHz. After the de-commissioning of the Culgoora and the Clark Lake radioheliographs, the Gauribidanur radioheliograph (GRH) at low frequencies and the Nancay radioheliograph at comparatively higher frequencies (150-450 MHz) are the only solar radio observing facilities presently in operation for routine observations of the solar corona. In this talk, I shall describe some of the results that we have obtained during the last one decade of operations with the GRH and their usefulness in our understanding of the solar corona.