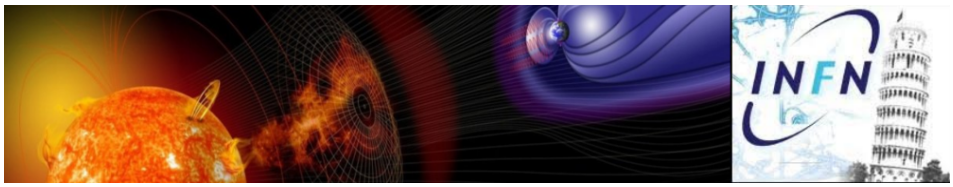

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Analysis of Flare Events Associated with Slowly Positively Drifting Bursts Observed at 800-2000 MHz Range

Thursday, 8 July 2021 18:56 (4 minutes)

In this contribution we present a study of 2 flare events (of M and C class) which were associated with Slowly Positively Drifting Burst (SPDBs) observed at radio frequencies in the range of 800-2000 MHz. These burst are similar to reverse type III burst but their drift is much less than < 1GHz/s and they are rarely observed. Both flare events started within an active region but later involved also supergranular field nearby the active region. The results of the study show that SPDBs can be linked with initial phase of magnetic reconection and very likely with beams of accelerated particles.

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