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Abstract:

SN 1950C is a supernova that exploded in the galaxy NGC 5033. It is associated with an optical transient AT2019wur. It is also possibly associated with FRB20200405A. We plan to search for energetic giant pulses from SN1950C with the pulsar backend of FAST, with 4096 channels, and 50 μ s sampling time. The required observing time is 10 hours.