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## **Energetic electrons in the solar corona for the long duration event of 9 May 2021 as diagnosed from X-ray and radio observations.**

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In this paper we will present preliminary results of an X-ray flare that occurred on 9<sup>th</sup> May 2021 for which the thermal and non-thermal X-ray signatures were detected both from the Earth direction by Fermi/GBM and by STIX on Solar Orbiter at 97° from the Sun-Earth line. This flare was also well observed in radio with the ground-based instruments in Nançay and in the interplanetary space by WIND/WAVES and RPW on Solar Orbiter. The X-ray event shows both an impulsive phase observed above 25 keV by STIX and FERMI and followed by a more gradual phase observed up to 15 keV by both STIX and FERMI. In the decimetric/metric radio domain, this event shows a group of type III bursts extending to the interplanetary medium as well as type IV emission. We shall discuss here the relative temporal evolutions of HXR emissions at different energies with those of the radio fluxes at different frequencies, as well as the spatial evolution of the X-ray and radio sources during the different phases of the event. We shall also investigate the evolution of the characteristics of the non-thermal electrons detected in the corona associated to both impulsive and gradual phase of the flare.