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Activities of the topical team on Coronal Shocks and Particle Acceleration for Solar Orbiter coronagraph METIS

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The launch of the Solar Orbiter mission has motivated an intensification of the science activities in preparation for the exploitation of the data. For the METIS coronagraph, these activities are coordinated by topical teams, working on different physical problems. Here we present the activities carried out so far by the topical team on Coronal Shocks and Particle Acceleration. This team is trying to find the answer to some of the Solar Orbiter scientific objectives, like how and where do shocks form in the corona, and how and where are energetic particles accelerated at the Sun. In this poster, we will give an overview of the talks delivered up to now on coronal shock observations, shock 3D reconstruction, solar energetic particles, solar radio observations, shock acceleration, modelling and numerical simulations, and synergy with other instruments and other space missions.

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