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Three Eruptions Observed by EUI Onboard Solar Orbiter

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On 21 February and 21-22 March 2021, the Extreme Ultraviolet Imager (EUI) onboard Solar Orbiter (SolO) observed three prominence eruptions. The eruptions were associated with coronal mass ejections (CMEs) observed by Metis, SolO's coronagraph. All three eruptions were also observed by instruments onboard PROBA2, SDO, STEREO-A and SOHO. An analysis of these eruptions is performed, together with the in-situ signatures of any associated interplanetary CME. We look in particular at their kinematics, direction of propagation and 3D reconstruction.

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