

# SOHO/ACE observations of two consecutive CMEs from the same source region

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**Abstract.** On June 2, 2003, SOHO/LASCO coronagraph observed two CMEs at the West limb of the Sun, at 00:30 and 08:54 UT, respectively, which appeared to originate from the same source region. Both CMEs show the typical three-part structure. These events have been also observed by SOHO/UVCS, allowing us to infer their physical parameters. We also looked for interplanetary signatures of the CMEs in ACE 'in situ' observations but we did not find evidence of the ejected flux rope; however, the solar wind appeared significantly distorted, probably as a consequence of the influence of both CMEs on their surrounding interplanetary plasma.

**Keywords:** Sun: coronal mass ejections (CMEs) - Sun: UV radiation - Interplanetary Physics: ejecta, driver gasses and magnetic clouds **PACS:** 96.60.Ph

Citation: [AIP Conf. Proc.](#) 1216, 420 (2010); doi: 10.1063/1.3395893