



A Catalogue of Coronal Mass Ejections Observed by the STEREO Heliospheric Imagers: Results from HELCATS

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The wide fields of view provided by the STEREO Heliospheric Imagers (HIs) allow far greater coverage of Coronal Mass Ejections (CMEs) than are typically available from coronagraph observations. As part of the EU FP7 HELCATS (Heliospheric Cataloguing, Analysis and Techniques Service) project we present a comprehensive catalogue of CMEs that are observed in HI data, throughout the lifetime of the instruments. This spans the period from April 2007 to September 2014 for both STEREO-A and -B, with additional STEREO-A observations continuing from October 2015 to present, covering the majority of solar cycle 24. A subset of these CMEs are tracked through the HI fields of view, to which we apply both single-spacecraft and stereoscopic models to determine CME kinematic properties such as propagation directions, speeds and accelerations. The statistical properties of these results are discussed and they are compared with coronagraph observations during the same period.