

NASA's twin STEREO spacecraft were launched in October 2006 carrying the UK-led Heliospheric Imager (HI) instruments. These wide-angle imagers, observing from outside the Sun-Earth line, have been providing unique views of the inner heliosphere, imaging solar coronal mass ejections as they propagate through the heliosphere and, in particular, imaging such events as they pass over the Earth. The technology and analysis techniques are of key interest to the developing space weather interests in Europe. In addition, the HI instruments have been used to image co-rotating interaction regions, and to study comets, asteroids and planets, and are utilised by astronomers for the analysis of stellar variability. This talk will be a tour of the mission, key results and some of the techniques used, and, at the heart of this, will be a set of movies showing our unprecedented views of the heliosphere in which we live.