

Geophysical Research Abstracts,
Vol. 10, EGU2008-A-06290, 2008
SRef-ID: 1607-7962/gra/EGU2008-A-06290
EGU General Assembly 2008
© Author(s) 2008



Coordinated Investigation Programme 1: What is IHY doing for us?

R Harrison

Rutherford Appleton Laboratory, UK (r.harrison@rl.ac.uk)

CIP 1 was a two part scheme for studying (a) the onset of coronal mass ejections (CME) and (b) studying their propagation through the heliosphere, utilising a coordinated set of instruments aboard the SOHO, STEREO and Hinode spacecraft. The work has included significant development of the studies of CME onsets using the analysis of extreme-UV (EUV) coronal dimming - with the first detailed statistical work indicating the basis on which we may build future predictions and models. It has also included the first STEREO observations of CMEs in the heliosphere, including unprecedented observations of CMEs arriving at Earth and observations of impacts at a variety of Solar System bodies. The CIP 1 approach to this has been to define study periods for coordination. We will review the results but in particular address how the IHY and the CIP approach has been used and continues to be used to enhance this work.