

## 1.2.2.6 Study fast plasma flows from the edges of solar active regions discovered with Hinode/EIS

Study fast plasma flows from the edges of solar active regions discovered with Hinode/EIS (Harra et al., 2008), which are driven by pressure gradient between reconnecting magnetic loops (Baker et al., 2009; Del Zanna et al., 2011) and produce intermediate-speed solar wind streams (van Driel-Gesztelyi et al., 2012). Study active region expansion (Uchida et al., 1992).

**To be moved and be integrated under 1.1.2 Source regions of the slow solar wind. Already planned in L\_SMALL\_HRES\_HCAD\_Slow-Wind-Connection.**