

## 1.1.4 Transverse themes

- 1.1.4.1 Reconnection
  - 1.1.4.1.1 Interchange reconnection between open and closed field lines and its role in slow wind generation
  - 1.1.4.1.2 Identify coronal reconnection sites by measuring impulsive event material
  - 1.1.4.1.3 Identify reconnection exhausts in the solar wind
  - 1.1.4.1.4 Current sheets inferred by determining the magnetic field geometries at local chromospheric heating sites
  - 1.1.4.1.5 Identify and characterise the solar wind reconnection physics in current sheets with thickness down to the ion scales and smaller
  - 1.1.4.1.6 Photospheric reconnection
  - 1.1.4.1.7 Electron acceleration in coronal reconnection regions
  - 1.1.4.1.8 Formation of flux ropes/CMEs via magnetic reconnection in the corona