



# L\_FULL\_HRES\_MCAD\_Coronal-He- Abundance



- Simultaneous observations of the resonantly scattered component of He<sup>+</sup> emission by EUI/FSI 30.4 nm, and neutral hydrogen by Metis Ly $\alpha$  (121.6 nm) with the goal to determine helium abundances in the corona / inner solar wind.
- Primarily a Metis and EUI SOOP. Coordination with SPICE (composition maps) and PHI (coronal magnetic field extrapolations) a plus.
- Disk center pointing; EUI in occulting mode.
- Target of opportunity: HERSCHEL launch (07 March 2022).
- Placeholder for EUI in occulting mode: no specific required observations in addition to those already planned for that event. However, data analysis could take advantage of the SPICE composition maps on 02 March 2022).