

*Monthly report / August 2008*

WP 2100: Derive technical specification of toolbox

To provide the best background for the writing of the ATBDs the literature on Raman scattering has been carefully re-examined and new reported developments since the writing of the ESASLight proposal have been scrutinized.

WP 2200: Preliminary Algorithm Theoretical Basis Documents

The ATBD for the implementation of Raman scattering is nearly finished. The ATBD for the polarization in the 3D Monte Carlo radiative transfer solver MYSTIC is in preparation.

WP 2300: Development plan for libRadtran demonstration version

The development plan for the Raman scattering is nearly finished while the development plan for the polarization in the 3D Monte Carlo radiative transfer solver MYSTIC is in preparation.

GUI development:

Various software platforms for the writing of a GUI for the uvspec tool have been evaluated. A prototype GUI with limited functionality is under development using the wxPython environment.

*Status:*

WP 2100: ongoing

WP 2200: ongoing

WP 2300: ongoing