

Monthly report / June 2008

The first progress meeting (PM1) took place at the 9th of June at DLR. Minutes of the meeting have been prepared and are available from the webpage.

<http://esaslight.libradtran.org/internal/Wiki/doku.php?id=minutes>

The reports for WP1100, WP1200, WP1300 and WP1400 have been updated according to the discussion at PM1.

Tables in matrix style of

- RTE solvers of libradtran against applicable options
(<http://esaslight.libradtran.org/internal/Wiki/doku.php?id=rtsolvers>)
- EOS missions against requirements
(http://esaslight.libradtran.org/internal/Wiki/doku.php?id=requirements_matrix)

have been created.

To derive the technical specification of toolbox (WP2100), the implementation of the GUI for libRadtran is currently discussed among the libRadtran developers. Another issue is the coupling with a line-by-line model. For this task, different line-by-line models are currently tested and compared.

The ATBD documents (WP2200) for the implementation of Raman scattering and polarization in the 3D Monte Carlo radiative transfer solver MYSTIC are in preparation.

Status:

WP 1100: closed

WP 1200: closed

WP 1300: closed

WP 1400: closed

WP 2100: started

WP 2200: started

WP 2300: not yet started