status ELDA: last activities

- adopted to new variable names in ELPP file
  - („*molecular_**“ instead of „*atmospheric_molecular_**“)
- adopted to Sofia system (wavelength 510 nm)
- removed bug (zenith angle not correct in ELDA extinction output)
- implemented new, empty function for Rayleigh calibration
  - to be filled by Donato
  - for Klett-Fernald only (now)

status ELDA: next tasks

- test Problem reported by Aldo about iterative bsc
- test measurements with quality flags

status ELDAmwl

- adopted to new variable names in ELPP file
  - („*molecular_*“ instead of „*atmospheric_molecular_*“)
  - time dependent variables
- added functionality for return values and meaningful exceptions
  - write stack trace to log
- current work (still):
  - extinction profiles
  - backscatter profiles

next steps ELDAmwl

- proposal for improved database structure (SCC db)
- general solution for algorithm-dependent effective vertical resolution
- autosmooth
- lidar ratio

Tool for PollyXT raw files

- qc measurements
  - manually select corresponding periods in quicklooks
  - export data in csv format as requested by Volker
  - do some own analysis (telecover)

- manual qc of ELDA results
  - open 3+2+2 dataset (folder or zip file downloaded from SCC)
  - manually check and screen profiles (delete bad parts)
  - manual setting of cloud flag (cirrus)
  - => prepare my data for Covid 19 campaign

- prototype for new SCC module (final manual qc) ?