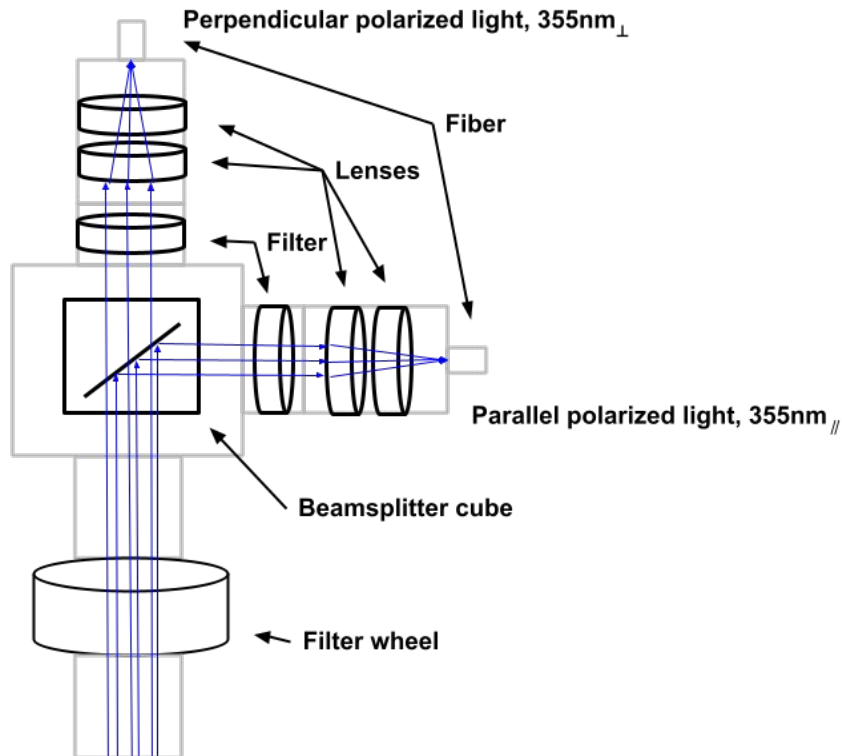


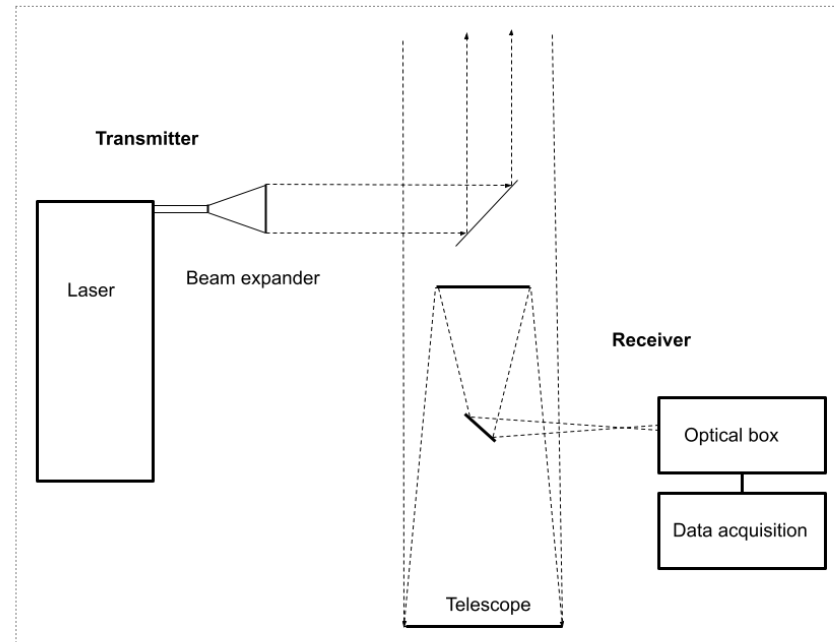
# Design and raytrace of a UV 355nm LIDAR depolarization channel to characterize particles in the atmosphere above ALOMAR

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Laser, Nd:YAG - 355nm channel





# Summary

- Design and Raytrace of UV depolarization channel
- 355 nm in combination with pre-existing 532 nm channel;
  - Atmospheric and cloud composition
  - Particle size and shape indication
  - Temperature profiling