

T2L2 and ELT Workshop 2014

Proposal OCA: Recent results of the T2L2 European campaign in september and october 2013 encourage us to ask for an extension of the mission for 2 more years, until the end of 2016. Among the objectives of this extension, we expect a collaboration with the ACES mission. There are several options there, depending on the disponibility or not of several laser stations able to perform observations with both T2L2 and ELT. Wettzell can obviously be one of these stations. My question is, what do we have to do if we want to involve at least one OCA's laser station. On the one hand, our (CNES & OCA) knowledge / understanding of ELT requirements from the SLR station point of view is not sufficient to answer this question. On the other hand, I understood that an upgrade of the Wettzell laser station is on going in the perspective of ELT.

Start: 9:00 Geodetic Observatory Wettzell (main lecture hall)

Block 1: T2L2

- T2L2 mission status and results (Philippe)
- T2L2 Calibration Campaign (Myrtille)
- T2L2 station collocation at OCA (Clément)
- Time Transfer: optical versus microwave (Philippe)

Block 2: ELT Overview

- ELT Concept, Overview and Prospective (Ulli)
- ELT Space Segment and Calibration (Ivan)
- ELT Data-Center (Anja)

Block 3: ELT Specifics

- ELT Station requirements (Jan)
- Detector Bias reduction (Johann)
- ELT Laser Safety (Ulli)
- Timing Systems – Going Optical (Ulli)

End approx. 16:00

The meeting is mainly a discussion forum, so the talks are not designed as conference type presentations but stimulations for the discussions (5 – 10 slides only).

There is a common lunch break provided between 13:00 – 13:45 (€ 5,- per participant)

Participant List (as of 14.3.14)

Georg Kirchner (Graz)
Martin Ploner (Zimmerwald)
Matt Wilkinson (Herstmonceux)
Rob Sherwood (Herstmonceux)
Anja Schlicht (TUM)
Ivan Prochazka (CTU Prag)
Philippe Guillemot (OCA)
Myrtille Laas-Bourez (OCA)
Clement Courde (OCA)
Daniele Rovera (OCA)
Ulrich Schreiber (TUM)
Jan Kodet (TUM)
Günther Herold (BKG)
Johann Eckl (BKG)