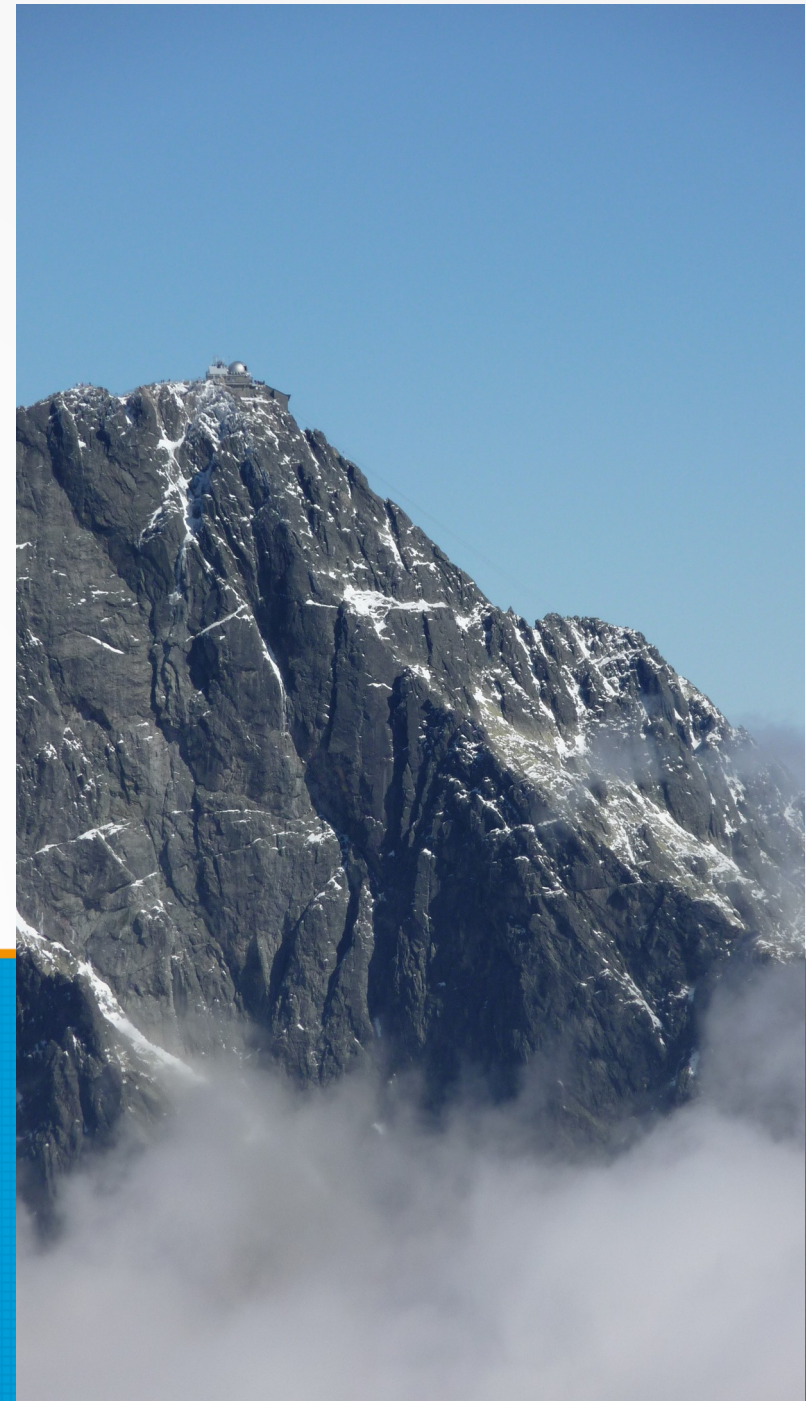


# LSO summer internship program: preparation and running of the coro- nagraphic observations at the LSO

Ján Rybák  
Lomnický Štít Observatory (LSO)  
AI SAS, Tatranská Lomnica, Slovakia



# Content:

- Just few topics:
  - Preparation of the observing program
  - Realization of the observing program
  - Running the LSO

# Preparations:

- Idea/hypothesis (precise in data handling and analysis but inventive in ideas, be open-minded to illuminations from all sources)
- Tests (observations in astronomy) as a final judge
- LSO: is the hypothesis feasible to be addressed by our observations (feasibility + interest)
- Selection of the technical parameters → RCPs, CBKs for LV code
- Itinerary
- Prioritized list of the observing programs

# Running observations:

- Selection of the target
- Operation of the UJ2P and CoMP-S instruments
- Manuals
- Itinerary → Log file
- Data handling: binning, FITS headers in detail with metadata required, logs + print screens + data storing and posting
- Backup of data/logs

# Running the LSO:

- LSO group: structure, leader
- LSO intranet: ..., documentation, manual, reports, ...
- Daily reports
- TODO/DONE lists
- Regular in person meetings
- Support of: rest of the Solar physics department, sys admins, administration



# Look inside the LSO intranet:

- If case of your interest: news, **gallery**, observations, diary, instruments, **meetings**, prophylactics
- No direct access for students expect...