Webcams in the correct position

- Manual for the publishing program Vision GS BE for Windows XP (Nils Kristian Hansen)
- Find an object in front of you (terrestrial), use *Eyepiece Holder 45 Erecting Prism* and eyepiece 40 mm (max view field)
- Unscrew the *web lens* and replace it with *web adapter*. Put camera in *"90 eyepiece holder"* and set camera in correct position (image). Flip mirror control in the "up" position (page 6)
- Connect web camera to USB port
- Create a folder on your hard drive (C:\Metochi Observations 12052014) or memory stick (Tarald uses memory stick/folder: Elements/Metochi Observation 2014/Obsevations 27052014)
- Load Vision  GS BE (The program selects web camera automatically, if not, go to next step)
- In the Video Source Window, select a video device: Philips ToUcam Pro Camera, Video, OK
- Go to menu: File/Devices/Open Devices (# 1-Teleskopkamera)/OPEN
- Go to "Device Settings" in "Devices Windows", choose "Archive" in the menu to left (page 8) and open the folder (Store locally in directory)
- We can change "Capture/Upload" rate (Image frequency) or the time between exposures: "Device Settings/Capture/Upload/22 Seconds" (e.g.)

Properties for Philips camera

- We can change the camera settings: Click the icon on menu bar at the bottom of the screen to the right: (the program: Philips ToUcam). Go to the tab "Bildekontroller" : "Full auto" (page 14)
- The telescope's image is upright, but reversed left to right



A fully correctly oriented image

- To get a fully correctly image, set a mark on "speilbilde"
- Web pictures posted online: http://www.verdensrommet.org/live
- Stop uploading program Vision GS: Go to menu: File/Quit (wait a little while for Display/Upload offline-picture)

Philips Web Camera – Image processing program GIMP 2

- Open GIMP 2
- File/Creat/Scanner/Camera/Philips To…
- …Opptak/Justeringer…/Stillbilde/1280x960