

Introduction to exercises

November 22, 2005

Six exercises will be done during the workshop (see program). They deal with the following topics: (1) The awe prompt basics, (2) Basic calibration tasks, (3) Photometry, (4) Astrometry, (5) Data mining and (6) the variability tool.

To perform exercises 1 to 5 WFI science imaging data present in the database has been assigned to each group for a particular night: see table 1 below. Please ensure that you will use only science data for the night assigned to your group. In addition the DATE_OBS listed refers to the standard star field image for that same night which can be used for the photometry exercise.

For exercise 1 to 5 help can be obtained from (at least) the following participants: Kor Begeman (Groningen, Netherlands), Danny Boxhoorn (Groningen, Netherlands), Thomas Erben (Bonn, Germany), Fedor Getman (Napoli, Italy), Ewout Helmich (Groningen, Netherlands), Philippe Heraudeau (Groningen, Netherlands), John McFarland (Groningen, Netherlands), Mark Neeser (Garching bei Muenchen, Germany), Geert Sikkema (Groningen, Netherlands), Roberto Silvotti (Napoli, Italy), Jan Snigula (Garching, Germany), Gijs Verdoes Kleijn (Groningen, Netherlands), Ronald Vermeij (Groningen, Netherlands), Willem-Jan Vriend (Groningen, Netherlands).

For exercise 6, the variability tool exercise, image data and instructions have been organized by the participants from OAC. Please contact Silvio Leccia for details.

It might well be that the exercise material is too much to be completed fully during the workshop. Feel free to try it at home. All the best with the exercises!

| Group | Date of night | DATE OBS standard star field (UT Time) |
|---------|---------------|--|
| group1 | 2001-08-07 | 2001-08-08 01:28:30.00 |
| group2 | 2001-08-09 | 2001-08-10 04:17:56.00 |
| group3 | 2001-08-10 | 2001-08-10 23:14:33.00 |
| group4 | 2001-09-25 | 2001-09-26 01:19:23.00 |
| group5 | 2001-10-08 | 2001-10-08 23:55:41.00 |
| group6 | 2001-10-09 | 2001-10-09 23:50:11.00 |
| group7 | 2001-10-10 | 2001-10-10 23:37:11.00 |
| group8 | 2001-10-11 | 2001-10-11 23:35:44.00 |
| group9 | 2001-10-12 | 2001-10-12 23:37:28.00 |
| group10 | 2001-12-12 | 2001-12-13 00:27:06.00 |
| group11 | 2001-12-13 | 2001-12-14 04:09:21.00 |
| group12 | 2001-12-14 | 2001-12-15 00:23:53.00 |

Table1