

Astronomy Teaching and Research Orientation Workshop (AsTROW) @ SAAO 2012

October 15-19, 2012, OAD office, SAAO Cape Town

Agenda – October 15th (Day 1)

12:00–12:30	Registration and Interaction
12:30–13:30	Lunch
13:30–13:45	Introduction (KG)
13:45–14:30	Basic Astronomy (KG)
14:30–15:30	Techniques used to discover the universe (NL)
15:30–16:00	Break – coffee/tea
16:00–17:00	Astronomy Instrumentation (SC)
17:00–18:00	Instrumentation hands-on (SB/LC)
18:00–19:00	Supper
19:00–	Stargazing/Observing project discussion (SB/LC/KG)

Agenda – October 16th (Day 2)

09:30–10:30	Introduction to VO (SB)
10:30–11:00	Break – coffee/tea
11:00–12:30	Browsing data archives (VO tools)
12:30–13:30	Lunch
13:30–14:30	Introduction to Linux (SB/LC)
14:30–15:30	Observing project discussion – targets etc.
15:30–16:00	Break – coffee/tea
16:00–18:00	CCD data reduction tutorial (SC)
18:00–19:00	Supper
19:00–	Observing using telescope/photometer (SB/LC)

Agenda – October 17th (Day 3)

09:30–10:30	Photometric data reduction techniques (SB)
10:30–11:00	Break – coffee/tea
11:00–12:30	Data reduction using sample data (SB/LC)
12:30–13:40	Lunch
14:30–15:30	Data reduction using sample data (SB/LC)
15:30–16:00	Break – coffee/tea
16:00–18:00	VO Tutorials (SB/LC)
18:00–19:00	Supper
19:00–	Observing cont. (SB/LC)

Agenda – October 18th (Day 4)

09:30–10:30	Analysing and discussing of own data (SB/LC)
10:30–11:00	Break – coffee/tea
11:00–12:30	Analysing and discussing of own data (SB/LC)
12:30–13:40	Lunch
14:30–16:00	Analysing and discussing of own data (SB/LC)
16:00–16:30	Break – coffee/tea
16:30–17:30	Extrasolar Planets (YW)
18:00–19:00	Supper

Agenda – October 19th (Day 5)

09:30–10:30	Discussion of other applicable projects for home universities
10:30–11:00	Break – coffee/tea
11:00–12:30	Networking and planning time for development of specific programmes at home institutions
12:30	Lunch and depart

Speakers/Tutors

KG – Kevin Govender
SB – Sudhanshu Barway
NL – Nicola Loaring
SC – Steven Crawford
LC – Laure Catala