

# DARA Unit 4, Mozambique 2018 Schedule

18 – 29 June, 2018

## Important information

- Schedule likely to change depending on the progress.
- Morning break: 10:00 – 10:30
- Lunch break: 13:00 – 14:00
- Evening break: 16:00 – 16:30
- Lecturers: Dalmiro Maia (DM) & Sarrvesh Sridhar (SS)

## Week 1

Date	Time	Title	Lead
18/06	09:00 – 10:00	L1: Introduction & scope of the workshop	SS/DM
	10:30 – 13:00	T1: The UNIX terminal	DM
	14:00 – 15:00	T2: Python basics	SS
	15:00 – 17:30	T3: Useful python packages	SS
19/06	08:30 – 09:00	L2: Introduction to Radio Interferometry	DM
	09:00 – 10:00	T4: Fun with Fourier transforms	DM
	10:30 – 11:30	L3: Radio Interferometry: First principles	SS
	11:30 – 13:00	T5: CASA & Measurement set	SS
	14:00 – 16:00	T6: Calibration tutorial	SS/DM
	16:30 – 17:30	T6: Calibration tutorial	SS/DM
20/06	08:30 – 09:00	Recap from previous day	SS/DM
	09:00 – 10:00	L3: Imaging	DM
	10:30 – 12:30	T7: Imaging tutorial	SS/DM
	12:30 – 13:00	L4: Imaging parameters	SS
	14:00 – 16:00	T8: Imaging tutorial	SS/DM
	16:30 – 17:30	T8: Imaging tutorial	SS/DM
21/06	all day	T9: Continuum tutorial	SS/DM
22/06	08:30 – 09:00	Recap from previous day	SS/DM
	09:00 – 10:00	L5: Self-calibration	DM
	10:30 – 12:00	T10: Self-calibration tutorial	SS/DM
	12:00 – 13:00	L6: Radio frequency interference (RFI)	SS
	14:00 – 16:00	Back-up time slot	
	16:30 – 17:30	Recap of week 1	SS/DM

## Week 2

Date	Time	Title	Lead
26/06	08:30 – 09:00	Recap from week 1	SS/DM
	09:00 – 10:00	T11: 3C277.1 calibration tutorial	SS/DM
	10:30 – 13:00	T11: 3C277.1 calibration tutorial	SS/DM
	14:00 – 15:00	L7: Advanced imaging techniques	SS
	15:00 – 16:00	T12: 3C277.1 imaging tutorial	SS/DM
	16:30 – 17:30	T12: 3C277.1 imaging tutorial	SS/DM
27/06	08:30 – 09:00	Recap from previous day	SS/DM
	09:00 – 10:00	L8: Science with spectral lines	DM
	10:30 – 11:30	L10: Radio interferometers: Present & Future	SS
	11:30 – 12:30	Proposals & projects	SS/DM
	14:00 – 17:30	Proposals & projects	SS/DM
28/06	08:30 – 09:00	Recap from previous day	SS/DM
	09:00 – 10:00	L10: Error recognition	DM
	10:30 – 12:00	T15: Error recognition tutorials	SS/DM
	12:00 – 13:00	L11: Fringe fitting & AIPS	DM
	14:00 – 15:00	L11: Fringe fitting & AIPS	DM
	15:00 – 16:00	Data & literature archives	SS
	16:00 – 17:30	Back-up time	
29/06	08:30 – 09:00	Recap from previous day	SS/DM
	09:00 – 10:00	Science talk	SS
	10:30 – 11:30	Science talk	DM
	12:00 – 13:00	Time for final questions	SS/DM
	14:00 – 15:00	Summary & Feedback	SS/DM