Astroinformatics School 2009

ASAP Component on Friday 17 April 2009

09:00 am

Lecture: Introduction to ASAP by Malte Marquarding

09:30 to 10:30 am

ASAP Tutorial Session I: Basic Data Reduction

- Tutorial 1: Data Reduction for single spectrum

- Tutorial 2: Data Reduction for multiple spectra

- Introduction to MOPRA Data Reduction GUI

Students should aim to work through both of the tutorials offered in this session.

11:00 am to 1:00 pm

ASAP Tutorial Session II: Advanced Data Reduction

- Tutorial 3: Spectral-line component fitting

- Tutorial 4: Data Reduction for Parkes Methanol Multibeam Data

- Tutorial 5: Flagging of the baseline ripple in Fourier Space

- Tutorial 6: Non-standard ON-OFF quotient calculation

Students should aim to work through 2 of the tutorials offered in this session. Tutorial 6 is the most challenging and may require the full 2 hours to complete.

Tutors:

Kate Brooks (ATNF), Andrew Walsh (JCU), Shari Breen (UTas), Maxim Voronkov (ATNF), Jimi Green (ATNF), Malte Marquarding (ATNF)

Data Files:

http://www.atnf.csiro.au/research/workshops/2009/astro-informatics/ASAP-tutorials/