

**CSIRO Astronomy Space Science** (CSIRO Astronomy Space Science, postdoc)

**Presentation Requested:** poster

**Category:** Other

**Question:** Other

### **First results from the Australia SKA Pathfinder (ASKAP)**

We introduce ASKAP, the newest world-class radio telescope operated by CSIRO as part of the Australia Telescope National Facility (ATNF), and an SKA precursor instrument. ASKAP will be a fast survey instrument with a wide field of view of 30 square degrees at 1.4 GHz, provided by the new chequerboard phased-array feed receivers. This poster presents first results based on early commissioning images, including a 9-beam continuum image of a test field with several hundred sources detected, and an 11-hour spectral observation of NGC253 with 18 kHz resolution at 1.4 GHz.