

SKA news for Australian industry: 20 July 07

1. Computing Architecture: Call for Expressions of interest from Industry

CONRAD is the Australian-South African partnership developing software systems for both ASKAP and KAT, 2 major 'SKA pathfinder' projects.

A new public website for CONRAD has been set up and 2 briefs on CONRAD requirements are now available at

<http://www.atnf.csiro.au/projects/mira/computing.html>

A. CONRAD Architecture: describes the overall computing systems architecture required to support the CONRAD software.

B. The impact of convolutional resampling on ASKAP and SKA phase I computing costs: this paper describes the dominant processing algorithm for astronomical imaging

Call for industry input: The ASKAP project is now seeking feedback from companies with expertise in either of the above areas (networking solutions or implementing the resampling algorithm on specialised processors). Please see the attached brief for more information, and note that the same brief is also available from the website.

2. New International SKA newsletter

This newsletter contains updates on all aspects of the international SKA project, and can be found at

www.skatelescope.org/PDF/news/SKA_NEWSLETTER_VOLUME_12.pdf

Full on-line updates and announcements for the SKA project can always be found at www.skatelescope.org

Please note the NEW advertisement of several senior engineering positions within ISPO which may be of interest.

3. Updated Antenna Brief

Version 2 of the ASKAP antenna brief can be found at

<http://www.atnf.csiro.au/projects/mira/antennas.html>

The new version is updated for the name 'ASKAP' and includes a description of the expected drive cycle rates.

4. Updated Technology Roadmap

The SKA Technologies Roadmap has been updated for 'ASKAP', and released as Version 1.1 -

<http://www.atnf.csiro.au/projects/mira/technology.html>