



Symposium at the occasion of Arnold van Ardenne's retirement, May 29th, 2013

Programme

08:30 Registration / coffee

08:50 **Opening remarks** - Michael Garrett, General Director ASTRON

09:00 **Session 1 – mm technology** **chair: Hans Olofsson**

09:00 mm-wave telescopes from the JCMT to ALMA - Thijs de Graauw, ALMA

09:25 Recent Developments in Detector Technology – Jochem Baselmans, SRON

09:50 **Session 2 – VLBI** **chair: Huib Jan van Langevelde**

09:50 VLBI - the pioneering years - Alan Rogers, M.I.T. Haystack Observatory

10:15 Space VLBI – Richard Schilizzi, The University of Manchester

10:40 Coffee break

11:10 eVLBI and Future Developments – Arpad Szomoru, JIVE

11:35 **Session 3 – Phased Array Technology** **chair: Ger de Bruyn**

11:35 Phased Array Feeds in Practice – John O'Sullivan, CSIRO

12:00 Some Reflector and Feed Antenna Inventions that Made a Difference-
Per Simon Kildal, Chalmers Technical University

12:25 Lunch



13:25 **Session 3 – Phased Array Technology (cont.)**

chair: Justin Jonas

13:25 System Engineering in Radio Astronomy - Peter Hall, ICRAR

13:50 Signal Processing - Andrew Faulkner, University of Cambridge

14:15 Multi-beaming and Calibration- Oleg Smirnov, Rhodes University

14:40 **Session 4 – Collaboration**

chair: Thijs van der Hulst

14:40 The Lasting Legacy of SKADS - Peter Wilkinson, The University of Manchester

15:05 Tea break

15:35 **Panel discussion: looking ahead**

chair: Marco de Vos

Panel members:

Domingos Barbosa (Instituto de Telecomunicações)

Francisco Colomer (OAN)

Jason Hessels (University of Amsterdam/ASTRON)

Leon Koopmans (RuG/Kapteyn Institute)

Stefan Wijnholds (ASTRON)

16:35 **Weak Signals & Far Horizons** - Arnold van Ardenne

16:55 **Closing remarks** – Michael Garrett

17:00 **Reception** open to all

19:00 End of programme