

Second International Focal Plane Array Workshop

20-21 June 2005, Dwingeloo, the Netherlands.

Program

Sunday 19th June

17.00 Welcome reception at Hotel Spier

Monday 20th June

Opening session

9.30 Welcome and introductions (Marco de Vos, Richard Schilizzi)

Session I International plans (chair: W. van Cappellen)

9.45 Peter Hall Focal Plane Arrays & SKA

10.00 John O'Sullivan The Australian NTD and xNTD Projects

10.45 COFFEE BREAK

11.15 Jin Chengjin Possible application of FPA technology on FAST

12.00 Andrew Faulkner UK FPA plans

13.00 LUNCH

14.00 Jan Geralt Bij de Vaate PHAROS

14.45 Bruce Veidt A Phased-Array Feed Demonstrator for Radio Telescopes

15.30 COFFEE BREAK

16.00 Justin Jonas The Karoo Array Telescope (KAT) & FPA effort in South Africa

16.45 Robert Braun Plans and science for a WSRT FPA

18.00 Buffet dinner in canteen

Tuesday 21st June

Session II Antenna and RF modeling (chair: Parbhu Patel)

9.00 Anton Tjihuis Antenna Array Modeling in the Netherlands

9.30 Rob Maaskant Noise Budget Analysis of the FPA

10.00 Christophe Craeye Efficient simulation of finite wideband arrays for focal plane applications

10.30 COFFEE BREAK

Session III System Design and Evaluation (chair: Jan Simons)

11.00 Marianna Ivashina Holographic performance verification of a Focal Plane Array Prototype

11.30 Vladimir Khaikin Multibeam FPAs for MM-wave radio telescope: simulation and realisation

12.00 Stuart Hay FPA Modelling and Concepts at CSIRO

12.30 Andre Gunst Digital Processing for LOFAR & EMBRACE

13.00 LUNCH (Costing breakout session in Oort Kamer)

Session IV Business and Collaboration (chair: Arnold van Ardenne)

14.00 Introductions by Peter Hall, Peter Wilkinson and Marco de Vos.

Informal discussion on topics like international collaboration and common approaches to dealing with international companies.

16.00 Closing of the workshop

18.00 Diner at "Het Huis met de Duivengaten" in Hoogeveen