Panoramic Radio Astronomy: Program

1 June 2009

1800—2000 Check-in/registration and welcome reception

2 June 2009

0830—0900 Check-in/registration
0900—0910 Mike Garrett (ASTRON)
  Opening remarks

Session I  New telescope facilities
Chair: Thijs van der Hulst (Kapteyn Astronomical Institute)

0910—0925 Robert Braun (CSIRO-ATNF)
  Panoramic Surveys of the Radio Sky with the Australian SKA Pathfinder
0925—0940 Michael Rupen (NRAO)
  EVLA
0940—0955 Justin Jonas (Rhodes University)
  The MeerKAT SKA precursor telescope
0955—1010 Joeri van Leeuwen (ASTRON / UC Berkeley)
  The Allen Telescope Array: The First Widefield, Panchromatic, Snapshot Radio Camera
1010—1025 Tom Oosterloo (ASTRON)
  The latest on Apertif
1025—1105 All + Panel members: Braun, Rupen, Jonas, van Leeuwen, Oosterloo
  Discussion Panel: The new suite of radio telescope facilities
1105—1135 Coffee Break

Session IIa  H I Surveys
Chair: TBD

1135—1205 Erwin de Blok (University of Cape Town)
  H I Science with MeerKAT
1205—1225 Wim van Driel (Paris Observatory)
  NIBLES: an H I census of SDSS galaxies in the Local Volume
1225—1245 Sarah Blyth (University of Cape Town)
  Neutral Hydrogen in Galaxies from Low to High Redshift

1245—1410 Lunch Break
Session IIb  HI Surveys
Chair: TBD

1410—1440  Marc Verheijen (Kapteyn Astronomical Institute)
HI surveys with APERTIF

1440—1500  Steve Curran (University of New South Wales)
Blind Wide Area Surveys: Where will we find atomic and molecular absorption at z < 1

1500—1520  Neeraj Gupta (CSIRO-ATNF)
21cm absorbers at low and intermediate redshifts

1520—1550  Martin Zwaan (ESO)
The future of the HI mass function

1550—1610  Lister Staveley-Smith (UWA/ICRAR)
A Widefield ASKAP L-band Legacy All-Sky Blind Survey

1610—1640  Coffee Break

Session IIc  HI Surveys
Chair: TBD

1640—1710  Martin Meyer (University of Western Australia)
Exploring the HI Universe with ASKAP

1710—1730  Bjorn Emonts (CSIRO-ATNF)
HI in radio galaxies

1730—1750  Kurt van der Heyden (University of Cape Town)
Evolution of Neutral Gas in Galaxies over Cosmic Time with SKA pathfinder instruments

Session III  Poster session
Chair: TBD

1750—1805  All poster presenters
Poster overview slides: 1 min / 1 slide each

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Session IVa  Continuum surveys
Chair: TBD

0900—0920  Ray Norris (ATNF)
Overcoming the challenges of wide deep continuum surveys

0920—0940  Robert Becker (UC-Davis)
The E-FIRST Survey, What Comes Next

0940—1000  Nick Seymour (UCL/MSSL)
Tracing High Redshift Starformation in the Current and Next Generation of Radio Surveys

1000—1020  Isabella Prandoni (IRA-INAF)
The AGN component in radio deep fields: the First Look Survey

1020—1040  Willem Baan (ASTRON)
OH MM activity and the ULIRG & SMG population

1040—1110  Coffee Break
Session IVb  Continuum surveys
Chair: TBD

1110—1130  Edo Ibar (UK Astronomy Technology Centre)
Deep multi-frequency radio imaging in the Lockman Hole using the GMRT and VLA

1130—1150  Veronica Strazzullo (NRAO)
The deep Swire VLA field: faint radio populations

1150—1210  Raffaella Morganti (ASTRON)
Continuum Surveys with LOFAR

1210—1300  Lunch Break

1300—1800  Excursion to Exloo / LOFAR HBA construction facility

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Session V  Data characterization
Chair: TBD

0900—0920  Gyula Jozsa (ASTRON)
Parametrising spatially resolved HI disks

0920—0940  Benne Holwerda (University of Cape Town)
HI Disks in the high-redshift Universe; Size and Quantified Morphology

0940—1000  Benjamin Winkel (Argelander Institute for Astronomy (AIfA))
Data reduction strategy of the Effelsberg-Bonn HI Survey (EBHIS)

1000—1020  Enno Middelberg (Universität Bochum)
Wide-field VLBI observations of 96 radio sources in the Extended Chandra Deep Field South

1020—1050  Coffee Break

Session VI  Magnetic fields and Cosmic Rays
Chair: TBD

1050—1120  Jeroen Stil (University of Calgary)
Evolution of magnetic fields in galaxies

1120—1140  Rainer Beck (MPI für Radioastronomie)
Magnetic fields in nearby galaxies: Prospects with future radio telescopes

1140—1200  George Heald (ASTRON)
Magnetic fields in nearby galaxies

1200—1220  Tigran Arshakian (Max-Plank-Institut für Radioastronomie)
Cosmological evolution of magnetic fields in galaxies: future tests with the SKA

1220—1240  Rosita Paladino (Institute for Astro and Particle Physics Innsbruck)
Radio spectral index images of the spiral galaxies NGC 0628, NGC 3627, and NGC 7331

1240—1400  Lunch Break
Session VIIa  Environment, Clusters, and Voids  
Chair: TBD  
1400—1430  Filippo Fraternali (University of Bologna)  
Gas accretion onto galaxies: models vs past and future observations  
1430—1450  Ed Elson (University of Cape Town)  
Our changing view of the blue compact dwarf NGC 2915  
1450—1510  Tobias Westmeier (ATNF)  
Broadband Radio Observations of Local Groups with ASKAP (BROLGA)  
1510—1530  Antoine Bouchard (University of Cape Town)  
The Environmental Impact on Galaxy Evolution: Highlighting the Structure of the Local Cosmic Web  
1530—1600  Coffee Break  

Session VIIb  Environment, Clusters, and Voids  
Chair: TBD  
1600—1630  Andrew Hopkins (Anglo-Australian Observatory)  
The relationship between gas and star-formation in galaxies over cosmic history  
1630—1650  Thijs van der Hulst (Kapteyn Astronomical Institute)  
HI in Void Galaxies: probing the lowest density environments  
1650—1710  Paolo Serra (ASTRON)  
An HI view of the on-going assembly of early-type galaxies  
1710—1730  Heinz Andernach (Argelander-Institut fuer Astronomie (AIfA), Bonn)  
Radio Properties of Brightest Cluster Members (BCMs)  

Session VIII  Looking forward  
Chair: TBD  
1730—1750  Joseph Lazio (Naval Research Laboratory)  
The Square Kilometre Array  
1900—2200  Conference Dinner (de Apedans, <http://www.apedans.nl/>)

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Session IX  OH: the other emission line  
Chair: TBD  
0900—0920  Megan Argo (Curtin University)  
OH masers in nearby galaxies  
0920—0940  John McKean (ASTRON)  
Tracing the merger rate of the Universe with Apertif  

Session X  Complementary single-dish work  
Chair: TBD  
0940—1000  Trish Henning (University of New Mexico)  
Extragalactic HI surveys with ALFA  
1000—1020  Juergen Kerp (Bonn University)  
The Effelsberg Bonn HI Survey EBHIS
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<td><strong>The multi-wavelength picture</strong></td>
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| 1050—1120 | Matt Jarvis (University of Hertfordshire)  
  *Synergies with multi-wavelength surveys* |                                    |
| 1120—1140 | Jose Afonso (Astronomical Observatory of Lisbon)  
  *A Somewhat Lower Frequency View of the Chandra Deep Field South* |                                    |
| 1140—1200 | Patrick Woudt (University of Cape Town)  
  *Galaxy transformation in dense environments: A multi-wavelength study of superclusters at z ∼ 0.1 – 0.5* |                                    |
| 1200—1245 | **Conference summary**              |                                    |
| 1200—1245 | Chair: TBD                          |                                    |
| 1200—1245 | All + Panel members: Braun, Rupen, Jonas, van Leeuwen, Oosterloo  
  *Discussion Panel: Concluding discussion* |                                    |
| 1245—1300 | TBD                                 |                                    |
| 1245—1300 | *Conference summary*               |                                    |
| 1300—1400 | Lunch                               |                                    |
Poster 1  Heinz Andernach (Argelander-Inst. für Astronomie, Univ. Bonn)  
Preparing old and recent radio source tables for the VO age: Current status

Poster 2  Nadya Ben Bekhti (Argelander Institute for Astronomy (AIfA))  
Low-column density gas in the halo of the Milky Way

Poster 3  Andy Biggs (ESO)  
Detection of Submillimetre Galaxies in the Lockman Hole using the European VLBI Network

Poster 4  Laurent Chemin (Observatoire de Paris)  
Deep wide field H I imaging of M31

Poster 5  Seungyoup Chi (ASTRON / Kapteyn Institute)  
Deep, wide-field global VLBI observations of the HDF-N and HFF

Poster 6  Andrey Chuprikov (Astro Space Center)  
Properties and short-time evolution of nearby galaxies

Poster 7  Boris Deshev (Kapteyn Astronomical Institute)  
Westerbork ultra-deep H I imaging of galaxy clusters at z=0.2

Poster 8  Kevin Douglas (University of Exeter)  
Synthetic Observations of the HI Line in SPH-Simulated Spiral Galaxies

Poster 9  Peter Kalberla (Argelander Institut Bonn)  
A panoramic view of the Milky Way H I gas

Poster 10  Renée C. Kraan-Korteweg (University of Cape Town)  
Properties of the extremely HI-massive galaxy HIZOA J0836-43

Poster 11  Emil Lenc (CSIRO-ATNF)  
ATLAS (Australia Telescope Large Area Survey)

Poster 12  Eric Murphy (Caltech)  
The Far-Infrared Radio Correlation at High-z: Prospects for the SKA

Poster 13  Maurilio Pannella (NRAO)  
Star formation and dust obscuration at z ≈ 2: galaxies at the dawn of downsizing

Poster 14  Yuriy Pidopryhora (JIVE)  
The Ophiuchus Superbubble: Disk-Halo Interaction at Work

Poster 15  Anja Schroeder (HartRAO)  
MeerKAT Configuration Studies