

Friday morning

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| 09:00 | REGISTRATION | |
| 1. | HI cosmology | Chair: W. Freudling |
| 09:20 | Introduction | R.Kerr/M.Haynes |
| 09:30 | HI cosmology at $z = 0$ | R. Giovanelli |
| 10:00 | HI cosmology: expectations | R. Cen |
| 10:30 | COFFEE | |
| 2. | HI cosmology (continued) | Chair: M. Lewis |
| 11:00 | HI mass function: open questions | S. Schneider |
| 11:25 | HI gas in galaxies from $z=0$ to $z=0.2$ | J. van Gorkom |
| 11:59 | The importance of gas in understanding the formation of galaxies | G. Kauffmann |
| 12:15 | Cold Gas Composition - a Key Between HI-Surveys and Cosmological Simulations | D. Obreschkow |
| 12:35 | Astro2010: A Need for a US HI strategy | M. Haynes |
| 12:45 | LUNCH | |

Friday afternoon

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| 3. | Evolution across cosmic time | Chair: G. Kauffmann. |
| 14:40 | HI in absorption: prospects | N. Kanekar |
| 15:00 | IGM Overview | T. Tripp |
| 15:20 | LyA absorbers: prospects | J. Stocke |
| 15:40 | What we learn from comparing DLAs with 21-cm-selected galaxies | M. Zwaan |
| 15:50 | COFFEE | |
| 4. | The early universe | Chair: A. Cooray |
| 16:20 | HI in the early universe: expectations | N. Gnedin |
| 16:40 | The Theory and Simulation of the Cosmological 21-cm Background from the EOR | P. Shapiro |
| 17:00 | 21cm Reionization Forecast and Search at GMRT | U-L. Pen |
| 17:20 | The MWA experiment | M. Morales |
| 17:40 | Prospects and challenges for EOR HI detection | A. Cooray |
| 18:00 | DINNER | |

Saturday morning

5. HI in Galaxies Chair: T. Henning
09:00 HI-Star-formation connection: E. Skillman
Overview
09:20 Star formation in HI selected J. Rosenberg
galaxies
09:40 VLA-ANGST Star Formation J. Ott
History and ISM Feedback in Nearby Galaxies
09:50 Gas and Stars in Massive Low K. O'Neil
Surface Brightness Galaxies
10:00 HI-Star-formation connection: G. Meurer
Open questions
10:30 COFFEE

6. Low mass galaxies Chair: F. Lo
11:10 Formation of dwarf galaxies O. Gnedin
11:30 SF in low mass galaxies: overview L. van Zee
11:50 The HVC connection M. Putman
12:10 Cold Cloud Infall and Galaxy T. Kaufmann
Formation
12:20 High velocity clouds around V. Buenrostro
nearby galaxies from THINGS
12:30 HI and the Gas Depletion Problem L. Blitz
12:50 LUNCH

Saturday afternoon

7. HI in evolving galaxies Chair: R. Windhorst
14:30 Gas Fractions and Scaling S. Kannappan
Relations
14:50 Growth and destruction of disks: M. Bershadsky
Combined HI and HII View
15:10 Interaction Driven Galaxy J. Hibbard
Evolution: The Fate of Gas
15:30 Star formation in tidal debris J. Charlton
15:50 The Radio Synoptic Survey S. Myers
Telescope (RSST): A SKA Concept
16:10 Charge to discussion groups M. Haynes
16:15 COFFEE, POSTERS and DISCUSSIONS
18:00 CONFERENCE DINNER

Sunday morning

8. HI in evolving galaxies (cont) Chair: R. Minchin
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| 09:00 | Gas in massive galaxies | D. Schiminovich |
| 09:20 | HI, H2 and Galaxy Evolution | M. Yun |
| 09:40 | HI in active galaxies | A. Baker |
| 10:00 | HI Stripping and Color Evolution
in Virgo Cluster Galaxies | A. Chung |
| 10:20 | Neutral Hydrogen and Star
Formation in the Coma-Abell 1367 supercluster | L. Cortese |
| 10:30 | Pushing Arecibo to the limit:
detection of HI emission from galaxies at $z \sim 0.2$ | B. Catinella |
| 10:40 | COFFEE | |
9. Dark matter and applications Chair: R. Giovanelli
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| 11:10 | The local velocity field | K. Masters |
| 11:30 | The baryonic TF relation and the
dark matter content of normal spirals | K. Spekkens |
| 11:50 | Clouds and Debris in the Virgo
Cluster | B. Kent |
10. On-going developments Chair: J. van Gorkom
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| 12:00 | APERTIF/WRST: prospects for HI | T. van der Hulst |
| 12:15 | The Allen Telescope Array:
prospects for HI | L. Blitz |
| 12:30 | The EVLA: prospects for HI | J. Ott |
| 12:45 | LUNCH AND DISCUSSION GROUPS | |

Sunday afternoon

11. The FUTURE! Chair: M. Haynes
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| 14:30 | HI and galaxy evolution: what
we need to know | E. Wilcots |
| 14:50 | HI and cosmology: what we need
to know | J. Bowman |
| 15:10 | GiGa: the billion galaxy survey | R. Windhorst |
| 15:30 | Prospects for Arecibo | R. Giovanelli |
| 15:50 | COFFEE | |
| 16:10 | Panel discussion and discussion group reports
Moderator: M. Haynes | |
| 18:00 | DINNER | |