

## CONFERENCE PROGRAMME

Tuesday, June 14

**Gas in Galaxies at High Redshift**

09:00-09:30	Stuart Wyithe	The early cosmic web*
09:30-10:00	Benedetta Ciardi	Cosmic reionization*
10:00-10:30	Joop Schaye	Modelling the gaseous cosmic web probed by QSO absorbers*
Coffee		
11:00-11:30	Neal Katz	Gas accretion and outflows: theoretical perspectives*
11:30-12:00	Brice Menard	What QSO absorbers tell us about inflows/outflows*
12:00-12:15	Kate Rubin	Cool gaseous outflows from star-forming galaxies at $0.3 < z < 1.4$
12:15-12:30	Kathy Cooksey	The last eight billion years of cosmic CIV and SiIV evolution
12:30-12:45	Ralf-J. Dettmar	Cosmic ray-driven galactic winds and magnetized galactic halos
Lunch		
14:00-14:30	Patrick Petitjean	The ISM of high redshift galaxies*
14:30-15:00	Linda Tacconi	Molecular gas in galaxies at high redshifts*
15:00-15:15	Regina Jorgensen	The Magellan/MagE survey for molecular hydrogen in high- $z$ galaxies
15:15-15:30	Michele Fumagalli	Detecting cold gas accretion in high- $z$ galaxies: insights from numerical simulations
Coffee		
16:00-16:20	Benne Holwerda	LADUMA - HI out to $z = 1$ with MeerKAT*
16:20-16:40	Martin Meyer	The evolving HI Universe with DINGO*
16:40-17:00	Ming Zhu	Large scale HI survey with the future FAST telescope
17:00-17:20	Lister Staveley-Smith	The Square Kilometer Array
17:20-18:00	Discussion led by J. Schaye, L. Tacconi, L. Staveley-Smith and E. De Blok	

Wednesday, June 15

**Gas in and around Galaxies at Low Redshift**

09:00-09:30	Frederic Bournaud	Star formation, gas and dynamical effects in galaxies at low redshifts*
09:30-10:00	David Thilker	Outer disks of nearby galaxies: insight from GALEX*
10:00-10:30	Tom Oosterloo	Neutral hydrogen in early-type galaxies: new results from ATLAS3D*
10:30-10:45	Marie Martig	Gas accretion and spiral galaxy formation
Coffee		
11:15-11:30	David Schiminovich	The Galax Arcicibo SDSS Survey (GASS)
11:30-11:45	Barbara Catinella	Scaling relations for HI in nearby massive galaxies
11:45-12:00	Silvia Fabello	HI scaling relations for active and passive bulge-dominated galaxies
12:00-12:15	Jing Wang	Inside-out formation of galactic disks and their subsequent bar-driven evolution
12:15-12:30	Sean Moran	Metallicity gradients in galactic disks
Lunch		
14:00-14:15	Guinevere Kauffmann	Gas in galaxies: predictions from semi-analytic models
<b>HI and Environment</b>		
14:15-14:45	Jacqueline Van Gorkom	From voids to clusters: HI imaging surveys of galaxies in different environments*
14:45-15:00	Kathryn Kreckel	Probing galaxies in voids, the loneliest places?
15:00-15:15	Tobias Westmeier	Neutral gas and dark matter in the Sculptor group
15:15-15:30	Baerbel Koribalski	Results from the Local Volume HI Survey (LVHIS)*
Coffee		
16:00-16:15	Baerbel Koribalski	WALLABY - the ASKAP HI All-sky Survey
16:15-16:30	Erwin de Blok	MHONGOOSE: The MeerKAT Nearby Galaxy Survey*
16:30-16:45	Gyula Jozsa	Warps and accretion in disk galaxies: prospects for Apertif
16:45-17:00	Renee Kraan-Korteweg	Disk building processes in the HI massive LIRG HIZOA J0836-43: a prototype for disk galaxies at $z = 1$ ?
17:00-18:00	Discussion led by B. Catinella, D. Schiminovich, F. Bournaud, J. van Gorkom and M. Verheijen	

Thursday, June 16

<b>Halo Gas and its Accretion</b>		
09:00-09:30	Jason Prochaska	Gas around galaxies with HST's cosmic origins spectrograph*
09:30-10:00	Sanch Borthakur	The connection between HI and QSO absorbers*
10:00-10:15	Glenn Kacprzak	Extended halo gas and galaxy disk kinematics of MgII absorption-selected galaxies at $z = 0.1$ *
Coffee		
<b>Atomic to Molecular Gas Transition</b>		
11:00-11:30	Simon Glover	Physics of the atomic to molecular transition: theory*
11:30-12:00	Robert Feldmann	Simulating atomic and molecular gas in a cosmological context*
12:00-12:30	Frank Bigiel	Star formation/gas scaling relations in inner/outer disks*
Lunch		
14:00-14:30	Amelie Saintonge	Global star formation and gas scaling relations*
14:30-14:45	Evan Skillman	Gas and star formation in nearby galaxies: highlights from the VLA/ANGST survey
14:45-15:15	Norm Murray	Star formation regulatory mechanisms in galaxies: theory*
15:15-15:45	Reinhard Genzel	Star formation regulatory mechanisms in galaxies: observations*
Coffee		
16:15-17:00	Discussion led by A. Sternberg, N. Murray, A. Saintonge and J. Schaye	

Friday, June 17

<b>Detailed evidence for accretion of stars and gas in Milky Way and Nearby Galaxies (Part 1)</b>		
09:00-09:30	Rodrigo Ibata	Stellar accretion onto the Milky Way and other nearby galaxies: observational evidence*
09:30-10:00	Kathryn Johnston	Accretion as traced by structure and populations in stellar streams*
10:00-10:30	Andrew Cooper	Simulations of satellite accretion: from the Milky Way to ensembles of nearby galaxies*
Coffee		
10:45-11:15	Simon White	The baryonic components of galaxies*
11:15-11:45	Mary Putman	Gaseous galaxy halos*
11:45-12:15	Josh Peek	Dust beyond disks*
12:15-12:30	Benjamin Winkel	HVC complex GCN as seen by EBHIS and GASS
12:30	Bus to Salzburg for sightseeing and conference dinner	

Saturday, June 18

<b>Detailed evidence for accretion of stars and gas in Milky Way and Nearby Galaxies (Part 2)</b>		
09:00-09:30	Carlos Frenk	The gas accretion history of the Milky Way: theory*
09:30-09:45	Ximena Fernandez	The origin and distribution of cold gas in the halo of a Milky Way-sized galaxy
09:45-10:00	Daniel Wang	X-raying hot gas in and around galaxies
10:00-10:15	Nadya Ben Bekhti	Analysis of galaxy halos using HI 21cm emission and QSO absorption spectroscopy
10:15-10:30	Bart Wakker	Gas and galaxies: from the inner corona to Ly-alpha and OVI absorbers
10:30-10:45	Edward Elson	A dynamical HI study of the nearby spiral NGC3521: searching for extra-planar gas
Coffee		
11:15-11:35	Juergen Kerp	The Effelsberg-Bonn HI Survey*
11:35-12:30	Discussion led by S. White, K. Johnston, and M. Putman	
12:30	Lunch, then bus back to Munich	

\*Invited talk