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### The role of neutral hydrogen in the life of galaxies and AGN

Gereb, Katinka

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*Document Version*

Publisher's PDF, also known as Version of record

*Publication date:*  
2014

[Link to publication in University of Groningen/UMCG research database](#)

*Citation for published version (APA):*

Gereb, K. (2014). The role of neutral hydrogen in the life of galaxies and AGN: A spectral stacking analysis [S.I.]: [S.n.]

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rijksuniversiteit  
groningen

# The Role of Neutral Hydrogen in the Life of Galaxies and AGN

## A Spectral Stacking Analysis

### Proefschrift

ter verkrijging van de graad van doctor aan de  
Rijksuniversiteit Groningen  
op gezag van de  
rector magnificus prof. dr. E. Sterken  
en volgens besluit van het College voor Promoties.

De openbare verdediging zal plaatsvinden op

vrijdag 26 september 2014 om 14:30 uur

door

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geboren op 4 juli 1986  
Sangeorgiu de Padure, Romania

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ISBN 978-90-367-7268-6

ISBN 978-90-367-7267-9 (electronic version)

I am prepared to go anywhere, provided it be forward.  
- *David Livingstone*

Cover:

Top left: Andromeda galaxy (M31). Credit: Galaxy Evolution Explorer, NASA/JPL-Caltech.

Top right: Hercules A radio galaxy. Credit: NASA, ESA, S. Baum and C. O'Dea (RIT), R. Perley and W. Cotton (NRAO/AUI/NSF), and the Hubble Heritage Team (STScI/AURA).

The background image displays the Westerbork Synthesis Radio Telescope. Credit: AT-TRON Nico Vermaas - Harm Jan Stiepel.

# Contents

<b>1</b>	<b>Introduction</b>	<b>1</b>
1.1	A short history of HI observations . . . . .	1
1.2	HI gas properties of galaxies . . . . .	3
1.3	Stacking of HI spectra . . . . .	4
1.4	Gas and the evolution of radio AGN . . . . .	6
1.5	Questions addressed in this thesis . . . . .	10
<b>2</b>	<b>Gas and galaxy properties from a stacking experiment</b>	<b>17</b>
2.1	Introduction . . . . .	18
2.2	The data: piggyback from the continuum observations . . . . .	19
2.3	Characteristics of the galaxies in the redshift range $0.06 < z < 0.09$ . . . . .	20
2.4	HI stacking . . . . .	23
2.5	Results . . . . .	25
2.5.1	HI content and color separation . . . . .	25
2.5.2	The connection between cold and ionized gas in red galaxies . . . . .	26
2.5.3	HI and weak radio sources . . . . .	27
2.5.4	HI and $24 \mu\text{m}$ emission in LINERs . . . . .	30
2.6	Summary and Conclusions . . . . .	30
2.7	Acknowledgements . . . . .	31
<b>3</b>	<b>The global cold gas content up to <math>z = 0.12</math></b>	<b>35</b>
3.1	Introduction . . . . .	36
3.2	Observations and sample selection . . . . .	37
3.3	Data reduction and HI stacking . . . . .	38
3.4	Characteristics of the galaxies in the selected sample . . . . .	38
3.5	Results . . . . .	42
3.5.1	Stacking in color . . . . .	42
3.5.2	The HI properties of LINERs and optical AGN . . . . .	44
3.5.3	AGN and SF properties of the radio population . . . . .	46
3.5.4	The global SFR and SFE up to $z = 0.12$ . . . . .	47
3.6	Discussion and summary . . . . .	50
3.7	Acknowledgements . . . . .	51

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<b>4 HI absorption stacking of radio galaxies</b>	<b>57</b>
4.1 Introduction . . . . .	58
4.2 Sample selection and observations . . . . .	59
4.2.1 Characterization of the AGN sample . . . . .	60
4.3 Results . . . . .	62
4.3.1 HI detection . . . . .	62
4.3.2 HI stacking: the HI distribution of AGN at low optical depth . . . . .	63
4.3.3 HI and radio morphology . . . . .	67
4.3.4 The nature of the HI absorbing systems . . . . .	69
4.4 Conclusions and implications for the future . . . . .	70
4.5 Acknowledgements . . . . .	72
<b>5 The HI absorption ‘Zoo’</b>	<b>77</b>
5.1 Introduction . . . . .	78
5.2 Description of the sample and observations . . . . .	79
5.3 Results . . . . .	80
5.3.1 Fitting complex HI absorption profiles with the busy function . . . . .	83
5.3.2 Characterization of the profiles with BF parameters . . . . .	87
5.4 The nature of HI absorption in flux-selected radio galaxies . . . . .	91
5.4.1 Are powerful AGN interacting with their ambient gaseous medium? . . . . .	92
5.4.2 Fraction and time-scale of candidate HI outflows . . . . .	94
5.4.3 Gas rich mergers . . . . .	96
5.5 The HI properties of compact and extended sources . . . . .	97
5.6 Summary . . . . .	99
5.7 Acknowledgements . . . . .	100
5.8 Appendix . . . . .	101
5.8.1 Notes on the individual detections . . . . .	101
5.8.2 Summary table of non-detections . . . . .	106
<b>6 HI, radio continuum, and optical properties of AGN</b>	<b>117</b>
6.1 Abstract . . . . .	117
6.2 Introduction . . . . .	117
6.3 Sample selection . . . . .	119
6.4 Observations and data reduction . . . . .	122
6.5 Results . . . . .	122
6.5.1 SDSS6: 4C 29.30 . . . . .	126
6.5.2 SDSS8 . . . . .	126
6.5.3 SDSS4 . . . . .	127
6.5.4 Galaxies detected in HI emission . . . . .	127
6.6 Rejuvenated radio AGN . . . . .	127
6.7 HI and optical properties . . . . .	128
6.8 Results from the literature . . . . .	131
6.8.1 HI and radio properties . . . . .	131
6.8.2 Optical properties . . . . .	131
6.9 Conclusions, and future perspectives . . . . .	134
6.10 Appendix . . . . .	135
6.10.1 SDSS images and spectra . . . . .	135

<b>Summary</b>	<b>143</b>
7.1 Chapter 2: The Lockman Hole project . . . . .	143
7.2 Chapter 3: From star forming to inactive galaxies . . . . .	144
7.3 Chapter 4: Probing the gas content of AGN with H I absorption stacking	144
7.4 Chapter 5: The H I absorption ‘Zoo’ . . . . .	145
7.5 Chapter 6: H I, radio continuum, and optical properties of radio AGN . .	146
7.6 Future Prospects . . . . .	146
<b>Nederlandse Samenvatting</b>	<b>151</b>
8.1 H I gas eigenschappen van sterrenstelsels . . . . .	152
8.2 Stapelen van H I spectra . . . . .	153
8.3 Gas en de evolutie van radio AGN . . . . .	153
8.4 Deze thesis . . . . .	155
<b>Bibliography</b>	<b>151</b>
<b>Acknowledgements</b>	<b>159</b>

