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## Cold gas in distant galaxies

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# Publication list

## Conference proceedings

39. *Nature and physical properties of gas-mass selected galaxies using integral field spectroscopy*  
**Leindert A. Boogaard**, 2020, In Elisabete da Cunha, Jacqueline Hodge, José Afonso, Laura Pentericci, and David Sobral, editors, *Uncovering Early Galaxy Evolution in the ALMA and JWST Era*, volume 352, pages 326–330

## Refereed publications

Publications marked with a star (\*) are included in this thesis.

38. *MusE GAs FLOW and Wind (MEGAFLOW) VII: A NOEMA pilot program to probe molecular gas in galaxies with measured circumgalactic gas flows.*  
Jonathan Freundlich, Nicolas Bouché, Thierry Contini, Emanuele Daddi, Johannes Zabl, Ilane Schroetter, **Leindert Boogaard**, and Johan Richard, 2021, MNRAS, 501, 1900–1910
- 37.\* *The ALMA Spectroscopic Survey in the Hubble Ultra Deep Field: Multiband Constraints on Line-luminosity Functions and the Cosmic Density of Molecular Gas.*  
Roberto Decarli, Manuel Aravena, **Leindert Boogaard**, Chris Carilli, Jorge González-López, Fabian Walter, Paulo C. Cortes, Pierre Cox, Elisabete da Cunha, Emanuele Daddi, Tanio Díaz-Santos, Jacqueline A. Hodge, Hanae Inami, Marcel Neeleman, Mladen Novak, Pascal Oesch, Gergő Popping, Dominik Riechers, Ian Smail, Bade Uzgil, Paul van der Werf, Jeff Wagg, and Axel Weiss, 2020, ApJ, 902, 110
36. *The ALMA Spectroscopic Survey Large Program: The Infrared Excess of  $z = 1.5$ -10 UV-selected Galaxies and the Implied High-redshift Star Formation History.*  
Rychard Bouwens, Jorge González-López, Manuel Aravena, Roberto Decarli, Mladen Novak, Mauro Stefanon, Fabian Walter, **Leindert Boogaard**, Chris Carilli, Ugnė Dudzevičiūtė, Ian Smail, Emanuele Daddi, Elisabete da Cunha, Rob Ivison, Themiyā Nanayakkara, Paulo Cortes, Pierre Cox, Hanae Inami, Pascal Oesch, Gergő Popping, Dominik Riechers, Paul van der Werf, Axel Weiss, Yoshi Fudamoto, and Jeff Wagg, 2020, ApJ, 902, 112
- 35.\* *The ALMA Spectroscopic Survey in the Hubble Ultra Deep Field: CO Excitation and Atomic Carbon in Star-forming Galaxies at  $z = 1$ -3.*  
**Leindert A. Boogaard**, Paul van der Werf, Axel Weiss, Gergő Popping, Roberto Decarli, Fabian Walter, Manuel Aravena, Rychard Bouwens, Dominik Riechers, Jorge González-López, Ian Smail,

- Chris Carilli, Melanie Kaasinen, Emanuele Daddi, Pierre Cox, Tanio Díaz-Santos, Hanae Inami, Paulo C. Cortes, and Jeff Wagg, 2020, *ApJ*, 902, 109
34. *The ALMA Spectroscopic Survey in the Hubble Ultra Deep Field: Constraining the Molecular Content at  $\log(M_*/M_\odot) \sim 9.5$  with CO Stacking of MUSE-detected  $z \sim 1.5$  Galaxies.*  
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33. *The Evolution of the Baryons Associated with Galaxies Averaged over Cosmic Time and Space.*  
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32. *The MUSE Hubble Ultra Deep Field Survey. XV. The mean rest-UV spectra of Ly $\alpha$  emitters at  $z > 3$ .*  
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31. *The ALMA Spectroscopic Survey in the Hubble Ultra Deep Field: The Nature of the Faintest Dusty Star-forming Galaxies.*  
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30. *A Comparison of the Stellar, CO, and Dust-continuum Emission from Three Star-forming HUDF Galaxies at  $z \sim 2$ .*  
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28. *The nature of CR7 revealed with MUSE: a young starburst powering extended Ly $\alpha$  emission at  $z = 6.6$ .*  
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27. *The ALMA Spectroscopic Survey in the HUDF: Deep 1.2 mm Continuum Number Counts.*  
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25. *Elevated ionizing photon production efficiency in faint high-equivalent-width Lyman  $\alpha$  emitters.*  
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24. *The MUSE-Faint survey. I. Spectroscopic evidence for a star cluster in Eridanus 2 and constraints on MACHOs as a constituent of dark matter.*  
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