

Dejene Zewdie Woldeyes

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EDUCATION

Ph.D. Student in Astrophysics

March 2019 - present

Diego Portales University; Santiago, Chile

Thesis: Hot Dust Obscured Galaxies Environments

Supervisor: Dr. Roberto J. Assef

Master in Astronomy and Astrophysics

Oct 2016 - July 2018

Ethiopian Space Science and Technology Institute-Addis Ababa University, Addis Ababa, Ethiopia

Thesis: Properties of Local Galaxies with the Highest Growth Rate. Gread: "Excellent"

Supervisors: Dr. Mirjana Pović

Bachelor in Physics

Sep 2013 - July 2016

Debre Berhan University, Debre Berhan, Ethiopia

Senior Project: Brief Review of Carbon Nanotubes and their Applications in Space Elevator.

Gread: "A"

Supervisors: Mr. Abel Tesfaye

Diploma in Science (Mathematics, Physics and Chemistry)

Sep 2006 - July 2009

Debre Berhan Teacher and Vocational Training College, Debre Berhan, Ethiopia

WORK EXPERIENCE

Debre Berhan University, Debre Berhan, Ethiopia

April 2010 - March 2019

Kewot Woreda, Shewarobit, Ethiopia

July 2009 - April 2010

TECHNICAL SKILLS

Programming Languages: MATLAB, Python

Software & Astronomical Tools: TOPCAT, IRAF, ds9, SExtractor, LaTeX

SCHOLARSHIP AWARDS AND SCHOOLS

1. **Ph.D. Scholarship from Beca de Doctorado Nacional ANID**
Santiago, Chile, March, 2021 - December, 2022
2. **Ph.D. Scholarship from Universidad Diego Portales**
Santiago, Chile, March, 2019 - December, 2022
3. **XXX Canary Islands Winter School of Astrophysics "Big Data Analysis in Astronomy"**
San Cristobal de La Laguna, Tenerife, Spain, 4th - 10th November, 2018.
4. **5th Biennial School of Fundamental Physics and Applications**
Windhoek, Namibia, June 24 - July 14, 2018.
5. **The Panchromatic Universe**
Addis Ababa, Ethiopia, July 10-19/2017.
6. **39th International School for Young Astronomers (ISYA)**
Addis Ababa, Ethiopia, May 8 -19, 2017.
7. **Master Scholarship from Minister of Higher Education of Ethiopia**
Addis Ababa, Ethiopia, September, 2016- July, 2018.
8. **Bachelor of Science in Physics from Debre Berhan University**
Debre Berhan, Ethiopia, October, 2013 -July, 2016.

CONFERENCES

1. **Quasars and Galaxies through Cosmic Time**

Santiago, Chile

January 24-27, 2022

Contribution Poster - Virtually: The Environments of Hot Dust Obscured Galaxies

2. **East Africa Astronomical Society (EAAS) workshop and school**

Dodoma, Tanzania

May 20 – 22, 2021

Contributed talk, virtually: The Environments of Hot Dust Obscured Galaxies

3. **Conference of the African Astronomical Society - AfAS2021**

Cape Town, South Africa

March 08-12, 2021

Contributed talk, virtually: The Environments of Hot Dust Obscured Galaxies

4. **The Role of Physics in Technological Advancement and Development of Society**

Wolkite, Ethiopia

February 26 and 27

Contributed talk - in person: Properties of Inside-Out Assembled Galaxies at low redshift

5. **1st ESAN Solstice Conference on Astronomy, Astrophysics and Space Science**

North Carolina, USA,

June 20, 2020

Contributed talk - Virtually: Properties of Inside-Out Assembled Galaxies at low redshift

6. **The XVI Latin American Regional IAU Meeting (LARIM 2019)**

Antofagasta, Chile

Nov 3-9, 2019

Poster Contribution: The Environment of Hot Dust Obscured Galaxies

7. **IAU Symposia: IAUS 356: Nuclear Activity in Galaxies Across Cosmic**

Addis Ababa, Ethiopia

Oct 5-11, 2019

Poster Contribution: The Properties of Inside-out Assembled Galaxies at $z < 0.1$

8. **XXX Canary Islands Winter School of Astrophysics "Big Data Analysis in Astronomy"**

San Cristobal de La Laguna, Tenerife, Spain

Nov 4-10, 2018

Poster Contribution: The Properties of Inside-out Assembled Galaxies at $z < 0.1$

9. African School of Fundamental Physics

Windhoek, Namibia

June 24- July 14, 2018

Poster Contribution: The Properties of Inside-out Assembled Galaxies at $z < 0.1$

PUBLICATIONS

1. AGN and Star-Formation Properties of Inside-out Assembled Galaxy Candidates at $z < 0.1$

Zewdie D., Pović M., Aravena M., Assef R. J., Gaulle A., 2020, MNRAS, 498, 4345

2. The properties of inside-out assembled galaxies at $z < 0.1$

Zewdie D., Pović M., Aravena M., Assef R. J., Gaulle A. 2020, eprint arXiv:2004.00718,

3. Accretion rate in AGN and X-ray-to-optical flux ratio at $z \leq 0.2$

Gaulle A., Pović M., Zewdie D., 2020, eprint arXiv:2003.13487

References

1. Dr. Roberto J. Assef: PhD in Astrophysics (PhD Supervisor), UDP, Santiago, Chile

Email: roberto.assef@mail.udp.cl

2. Dr. Mirjana Povic: PhD in Astrophysics (Supervisor), ESSTI, AAU, Addis Ababa, Ethiopia

Email: mpovic@iaa.es

3. Dr. Getinet Feleke: PhD in Astronomy, KMU, Addis Ababa, Ethiopia

Email: getinet13@gmail.com