

Edwige Pezzulli

Spoken Languages: Italian, English, Polish, French (basic), Spanish (basic)

Education

- 2014 – Nov 2017 **Ph.D. in Astronomy, Astrophysics and Space Science.**
University Sapienza, Rome
- 2012 – 2014 **Master of Science, Astrophysics 110/110 cum laude and “excellence curriculum”.** Physics Department, University Sapienza
- 2007 – 2012 **Bachelor Degree in Physics and Astrophysics.**
University Sapienza, Rome
- 2002 – 2007 **High School Diploma, specialization in classical studies,** Liceo Ginnasio statale Pilo Albertelli, Rome

- PhD schools -

- 2013 **IMPRS Summer School - Max Planck Research School for Astronomy and Cosmic Physics,** Heidelberg
- 2015 **First GraWIToN School - European Gravitational Observatory,** Cascina
- 2015 **First ICTP Advanced School on Cosmology,** International Centre for Theoretical Physics, Trieste
- 2016 **PhD school Francesco Lucchin,** Osservatorio Capodimonte, Napoli
- 2017 **School on Gravitational Waves for Cosmology and Astrophysics,** Benasque
- 2017 **Summer of HPC,** Ostrava/Athens/Thessaloniki

Public speeches and presentations

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| 2017 Poster Pres | “641 WE-Heraeus-Seminar” | Bad Honnef (Germany) |
| 2016 Invited talk | “Tor Vergata Workshop” | Rome (Italy) |
| 2016 Contributed talk | “High redshift Universe” | La Valletta (Malta) |
| 2016 Contributed talk | “First stars V” | Heidelberg (Germany) |
| 2016 Contributed talk | “AGN 12” | Naples (Italy) |
| 2015 Invited talk | “Recomputing the early Universe” | Pisa (Italy) |
| 2015 Poster Pres | “Demography and environments of AGN” | Crete (Greece) |
| 2015 Poster Pres | “European Week of Astronomy” | Tenerife (Spain) |

Academic awards and scholarships

- 2017 PRACE - Summer of Hpc internship
- 2017 Poster Prize, 641 WE-Heraeus-Seminar “Do black holes exist? Physics and Philosophy of black holes”, Physikzentrum Bad Honnef, Germany
- 2017 Mobility grant, University La Sapienza (rejected)
- 2016 Scholarship, University La Sapienza
- 2014 “Percorso di eccellenza”, top 3% student, University Sapienza, Rome
- 2014 “Premio di laurea”, ADISU
- 2007,08,09, 13,14 Scholarships, Adisu, Rome
- 2010,11,12 Scholarships, University Sapienza, Rome

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Press releases

2017	Nasa's Chandra X-ray Observatory
2017	NASA's blog
2017	Media INAF
2017	European Research Council
2017	La Repubblica
2017	Il Fatto Quotidiano
2017	ResearchItaly
2017	FanPage

Outreach

2017	Radio2
2017	Radio24
2017	Leading My Self
2017	103 National Congress of the Italian Physics Society - public seminar

List of Publications

- 2016: Pezzulli E., Valiante R., Schneider R., "Super-Eddington growth of the first black holes" [MNRAS 458, 3047](#)
- 2017: Pezzulli E., Valiante R., Orofino M. C., Schneider R., Gallerani S., Sbarrato T., "Faint progenitors of $z \sim 6$ quasars. Where are they?", [MNRAS, 466, 2131](#)
- 2017: Valiante R., Agarwal B., Habouzit M., Pezzulli E., "On the formation of the first quasar: a theoretical perspective", [PASA, 34, 31](#)
- 2017: Pezzulli E., Volonteri M., Valiante R., Schneider R., "The sustainable growth of the first black holes", [MNRAS, 471, 589](#)
- 2017: Valiante R., Schneider R., Zappacosta L., Graziani L., Pezzulli, E., "Chasing the observational signatures of seed black holes at $z > 7$ ", in prep.
- 2017: Saturni F.G., Mancini M., Pezzulli E., Schneider R., "Zombie or active? An alternative explanation to the properties of high- z galaxies", in prep.

Work Experience Timeline

Oct 2014 – Nov 2017	Ph.D. Student Astronomy Astrophysics	University La Sapienza
Oct 2016 – Jan 2017	Visiting student	IAP Paris
Sep 2016 – Mar 2017	Academic Scientific Thesis Supervisor	University La Sapienza
Sep 2013 – On going	Tour guide @ Astrolab	Astronomical Observatory
Jan 2013 – Sep 2013	Data analyst / visualization Specialist	Spazi Comuni
Oct 2012 – Jan 2013	Data analyst	IAPS
Sep 2009 – Sep 2010	Librarian	Physics Department
Dec 2008 – On going	Private Physics/Mathematics Teacher	Private
Oct 2007 – Jan 2012	Waitress and bar-woman	Restaurants/Bars

Skills and competences

Strong organization and team working skills
Excellent knowledge of Windows, Unix, Mac OS operating systems
FORTRAN (excellent), Python (good), C (basic), R (basic) coding
Machine learning (basic)

Who am I?

I am multifaceted and fast learner person. I play transverse flute since I was 12 years old, while now I am studying the sax. I always loved writing, reading and movie-direction.
I volunteered with young prisoners and I am taking a course for helping women victims of violence.
I am vegetarian, I love animals, nature, enthusiasm and knowledge.

Colange M.