

CURRICULUM VITAE ET STUDIORUM

Gabriella De Lucia

EDUCATION:

- 2004** *Doctor Rerum Naturalium* (Ph.D.), Ludwig-Maximilian Universität, München
Thesis title: *Evolution of galaxies in clusters*
Advisors: Prof. S. D. M. White, Dr. G. Kauffmann
- 2000** *Laurea in Fisica*, University “Federico II”, Naples; final grade: 110/110 *cum laude*
Thesis title: *Modelli evolutivi di galassie ellittiche a basso redshift*
Advisors: Prof. M. Capaccioli, Dr. M. Arnaboldi

CURRENT AND PREVIOUS POSITIONS:

- 2023 to date** *Dirigente di Ricerca* (equivalent to Full Professor) at INAF - Astronomical Observatory of Trieste (INAF-OATs)
- 2016-2022** *Primo Ricercatore* (equivalent to Associate Professor) at INAF-OATs
- 2013-2016** Researcher (permanent position) at INAF-OATs
- 2009-2014** *Primo Ricercatore* (5-year position funded by ERC Starting Grant), at INAF-OATs
- 2004-2009** Long term PostDoctoral Fellowship at the Max-Planck-Institut für Astrophysik (MPA), Garching bei München, Germany.
- 2001-2004** Graduate student at MPA in the framework of the first *International Max-Planck Research School* (IMPRS).
- 2000** Research contract for tests on the software for reduction of data from the Wide Field Imager 2.2m telescope, and analysis of data from the *Capodimonte Deep Field*. Astronomical Observatory of Capodimonte, Naples, Italy, August 1st - December 15th.

HONORS AND AWARDS:

- 2022** Italian national University Habilitation (Full Professor).
- 2017** Bessel Research Award (awarded by the von Humboldt Foundation).
- 2013** MERAC Prize for the Best Early Career Researcher in Theoretical Astrophysics (awarded by the European Astronomical Society).
- 2013** Italian national University Habilitation (Associate Professor).
- 2011** Order of Merit (Officer) of the Italian Republic awarded by the President of the Italian Republic for “...brilliant activity as young researcher in the field of astrophysics...”.
- 2008** European Research Council (ERC) *Starting Independent Researcher Grant* (less than 300 proposals funded out of more than 9000 submitted across all research fields).
- 2007** Zwicky Prize Fellowship (declined).
- 2007** NOVA Fellowship (declined).
- 2005** Honourable mention from the Italian Astronomical Society for the best PhD thesis in 2004 (*Premio Tacchini*).
- 2005** Completion of the *International Max-Planck Research School in Astrophysics* with *distinction*.

SUPERVISION:

To date, I have supervised 7 PhD students and 9 Postdoctoral fellows. I am currently supervising the 2 PhD students (one at UniTs and one at ETH in co-supervision), and 3 Postdoctoral fellows (all three at OATs). I have been involved as tutor and co-tutor in numerous projects of PhD students both at MPA (where I was a long-term post-doctoral fellow) and at OATs.

TEACHING ACTIVITIES:

- since 2019 (once per year)** PhD lectures *Formation and Evolution of Galaxies in a hierarchical Universe*, University of Trieste, Italy
- 2021** PhD lectures *An introduction to semi-analytic models*, for students involved in the EU Network BID4BEST
- 2021** PhD lectures *Modeling galaxy evolution*, Scuola Normale Superiore, Pisa, Italy

2014 Lectures on *Galaxy formation and evolution* for PhD students, Eighth TRR33 Winter School - December 7-12, Passo del Tonale, Italy

2013 Lectures on *Cosmology* for undergraduate students, at the University of Trieste

2012 Lectures on *Galaxy formation and evolution* for PhD students, October 8-12, Heidelberg, Germany

2009-2010 PhD lectures *Formation and Evolution of Galaxies in a hierarchical Universe*, SISSA, Trieste.

2008 PhD lectures on *Theoretical scenarios of galaxy formation*, September 21-27, Asiago, Italy.

2006 Lectures on *semi-analytic models*, MAGPOP Summer School, August 23-25, Budapest, Hungary.

2005 Workshop on semi-analytic methods, October 13, Garching bei München, Germany.

COLLOQUIA AND INVITED PRESENTATIONS AT CONFERENCES:

Since 2005, I have given:

- more than 55 invited talks or reviews, and 2 summary talks at international conferences;
- 2 plenary talks (at the EWASS 2013 as winner of the MERAC prize, and at the annual meeting of the German Astronomical Society in 2011);
- more than 40 invited seminars and colloquia in research institutes around the world.

PROFESSIONAL ACTIVITIES:

Panels/boards (selected):

ERC Consolidator Grant panel member (2019, 2021, 2023, and 2025); JWST external panel member for Cycles 3 and 4; Panel member of the Time Allocation Committee for the telescopes TNG/LBT/REM (2014-2016); Member of the teachers board of the PhD School in Physics at the University of Trieste since 2013; Panel member of the ESO Observing Programmes Committee (Periods 91 and 92); Panel member for the Cycle 18 proposals (invited again for Cycles 21, 22, and 25 but could not serve).

Expert Reviewer (selected):

Swiss National Science Foundation (1 Starting proposal since 2023); HST proposals submitted for Cycle 25 and Cycle 27; Leverhulme Trust Senior Research Fellowship (2018); Physics Discovery Grants for the Natural Sciences Research Council of Canada (2016); ERC (2 Advanced, 1 Consolidator, and 5 Starting proposals since 2013); French Research Agency (2011 and 2012); United States-Israel Binational Science Foundation (2011); National Fund for Scientific and Technological Development of Chilean Government (2010 and 2021); Netherlands Organisation for Scientific Research (2010); Anne McLaren Fellowship scheme 2009/10; Peter and Patricia Gruber Foundation Fellowship (2009); FWF Austrian Science Fund (2005, 2019, and 2023)

External PhD examiner: University of Western Australia (2021 and 2023); SISSA (2018); University of Durham (2015) - Others declined.

Conference/workshop organization:

Since 2005, I have served on the Scientific organizing Committees of more than 30 International Conferences, and I have been in charge of the organization of several collaboration meetings (e.g. VIPERS, CLASH-VLT, VirgoFilaments) and other smaller workshops at the newly established Institute for the Fundamental Physics of the Universe (IFPU).

Regular peer reviewer for A&A, ApJ, ApJ Letters, MNRAS, MNRAS Letters, Science, Nature astronomy.

PUBLICATIONS:

Excluding Euclid papers, my publication list counts four invited book chapters and more than 253 refereed publications in major peer reviewed journals accumulating over 24,000 citations with an h-index of 75. I have authored 54 papers with more than 100 citations, 14 as main contributor and 8 as main advisor (data September 2026).