

PERSONAL INFORMATION

Claudio Grillo, born in Legnano, Italy, on the 6th of November 1980, Italian
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● EDUCATION

- 2008 PhD in Physics, Astrophysics, and Applied Physics from the University of Milan.
Elliptical Galaxies as Strong Gravitational Lenses (advisers G. Bertin and M. Lombardi).
- 2004 Degree in Physics from the University of Milan (marks: 110/110 *cum laude*).
Gravitational Lensing in Clusters of Galaxies (advisers G. Bertin and M. Lombardi).
- 1999 School leaving certificate (marks: 100/100), from the Liceo “Galileo Galilei”, Legnano, Italy.

● CURRENT POSITION

- 2016 – Assistant Professor (three-year tenure track) – Programme “Rita Levi Montalcini”
Università degli Studi di Milano – Dipartimento di Fisica
Via Celoria 16 – I-20133 Milano, Italy.
Email: claudio.grillo@unimi.it Cell phone: +39 339 18 37 049
- 2016 – (2021) Affiliated Associate Professor in Cosmology
Niels Bohr Institute, University of Copenhagen, Denmark.

● PREVIOUS POSITIONS

- 2015 – 2016 Associate Professor at the Centre of Excellence “Dark Cosmology Centre”, Niels Bohr Institute, University of Copenhagen, Denmark.
- 2012 – 2015 Research Fellow at the Centre of Excellence “Dark Cosmology Centre”, Niels Bohr Institute, University of Copenhagen, Denmark (>200 applicants).
- 2010 – 2012 Research Fellow at the Cluster of Excellence for Fundamental Physics “Origin and Structure of the Universe”, Garching, Germany (>40 applicants).
- 2008 – 2010 Post-doc at the Max-Planck Institut fuer extraterrestrische Physik, Garching, Germany.

● FELLOWSHIPS, GRANTS & AWARDS

- 2017 Habilitation to the positions of Associate and Full Professor in Astronomy and Astrophysics.
- 2016 – (2019) Programme for Young Researchers “Rita Levi Montalcini” (>110 applicants)
209 K€: funding for own salary plus research funding at the Physics Department, University of Milan, Italy.
- 2015 – (2018) VILLUM FONDEN Young Investigator Programme (>250 applicants)
535 K€: funding for own and a two-year post-doc salaries plus research funding at the Centre of Excellence “Dark Cosmology Centre”, Niels Bohr Institute, Copenhagen, Denmark.
- 2012 – 2015 Research Fellowship (3 years), Centre of Excellence “Dark Cosmology Centre”, Niels Bohr Institute, Copenhagen, Denmark.
- 2010 – 2012 Research Fellowship (2 years), Cluster of Excellence for Fundamental Physics “Origin and Structure of the Universe”, Garching, Germany.
- 2006 – 2008 Research Studentship (1.5 years), European Southern Observatory, Garching, Germany.

● SCIENTIFIC VISITS & MISSIONS

- 2005 – Participation in more than 50 international scientific conferences, workshops and PhD schools, with invited and contributed oral presentations and posters.
- 2004 – 2008 European Southern Observatory (Garching, Germany): several visits (total 25 months).
- 2006 Kavli Institute for Theoretical Physics (Santa Barbara, California, USA): 1 month visit.

● SUPERVISION OF GRADUATE STUDENTS AND POSTDOCTORAL FELLOWS

I have co-supervised several master and PhD students and young post-docs within the international HST and VLT collaborations of which I am part.

- 2016 – Co-supervisor of U. Rescigno (PhD student), M. Burghesu (BSc student), and C. De Paoli (BSc student) at the University of Milan.
- 2014 – Main supervisor of M. Bonamigo (Postdoc), E. Munari (Postdoc), W. G. Parry (MSc student), M. F. Hansen (MSc student), and P. Gandhi (Yale undergrad student, summer project) at the Dark Cosmology Centre, Niels Bohr Institute, University of Copenhagen, Denmark.

● TEACHING ACTIVITIES

- 2018 – Lecturer – *Astronomy laboratory* (BSc course)
University of Milan, Italy.
- 2017 – Lecturer – *Advanced topics in astrophysics and plasma physics - Gravitational lensing* (PhD course)
University of Milan, Italy.
- 2017 – Lecturer – *General Physics (classical mechanics and electromagnetism)* (MSc course)
University of Milan, Italy.
- 2015 Lecturer – *Classic astrophysical papers* (MSc and PhD course)
Niels Bohr Institute, University of Copenhagen, Denmark.
- 2012 – 2015 Invited Lecturer – *Cosmology* (BSc course) on “Gravitational lensing and dark matter”
Niels Bohr Institute, University of Copenhagen, Denmark.
- 2012 English Teacher to Adults (level B1) at the Muenchner Volkshochschule, Munich.
- 2011 Lecturer – *Hands-on Strong Gravitational Lensing School* (International PhD School) on “Strong lensing theory”
Cluster of Excellence “Origin and Structure of the Universe”, Garching, Germany.
- 2010 Invited Lecturer – PhD School of Astrophysics “Francesco Lucchin” (topics: Gravitational lenses – Black holes in astrophysics) on “Dark matter in early-type galaxies”
Madonna di Campiglio, Italy.
- 2005 – 2006 Teaching Assistant – *General Physics (classical mechanics and electromagnetism)* (MSc course)
University of Milan, Italy.

● ORGANIZATION OF SCIENTIFIC MEETINGS AND SCHOOLS

- 2018 Organizer of the international conference *The Universe as a telescope: probing the cosmos at all scales with strong lensing*
University of Milan, Italy.
- 2015 Organizer of the workshop *Shedding light on dark matter in galaxy clusters*
Dark Cosmology Centre, Copenhagen, Denmark.
- 2011 Organizer of the international PhD School *Hands-on Strong Gravitational Lensing*
Cluster of Excellence “Origin and Structure of the Universe”, Garching, Germany.

● INSTITUTIONAL RESPONSIBILITIES

At the Physics Department, University of Milan, Italy:

- 2017 – Member of the PhD Faculty Committee.

At the Dark Cosmology Centre, Niels Bohr Institute, University of Copenhagen, Denmark:

- 2015 Contributor to the new Astrophysics MSc curriculum.
- 2014 – Member of the Hiring Committee.

● COMMISSIONS OF TRUST

- 2010 – Journal Referee for: The Astrophysical Journal, Monthly Notices of the Royal Astronomical Society, Astronomy and Astrophysics.
- 2015 Chair of the PhD evaluation committee of Anthea King (Niels Bohr Institute, University of Copenhagen, Denmark and University of Queensland, Australia).
- 2015 Invited reviewer for the funding programme *FONDECYT Regular 2016 grant competition* of the Chilean National Science and Technology Commission (CONICYT - Chile).
- 2011 Invited reviewer for the funding programme *Excellence in Research* of the Romanian National Council for Scientific Research.

● MEMBERSHIPS OF SCIENTIFIC SOCIETIES

- 2015 – Member of the International Astronomical Union (IAU).

● MAJOR COLLABORATIONS

- 2010 – Core Team Member of the VLT/VIMOS Large Programme (225 hrs) “Dark Matter Mass Distributions of Hubble Treasury Clusters and the Foundations of LCDM Structure Formation Models” (CLASH-VLT).
- 2010 – 2014 Core Team Member of the 524-orbit Multi-Cycle HST Treasury Program “Cluster Lensing And Supernova survey with Hubble” (CLASH).

- **PUBLIC OUTREACH**

- 2018 *Icarus, la stella più lontana mai osservata*, University of Milan announcement.
- 2017 *Once-in-a-lifetime event*, paper in the Italian Physical Society journal, *Il Nuovo Saggiatore* (2017, Vol. 33, No. 1-2).
- 2017 *Scoperta una misteriosa galassia a disco nell'Universo giovane*, University of Milan announcement.
- 2015 *MUSE Observations Enable Prediction of Once-in-a-lifetime Supernova Replay* ESO announcement (ann15088).
- 2015 *Kosmiske forstørrelsesglas*, popular paper on astronomy in the KVANT journal.

- **OBSERVATIONAL EXPERIENCE**

More than 300 hours of observing time (both as PI and CoI) at the Very Large and Nordic Optical Telescopes.

- **FOREIGN LANGUAGES**

Italian: mother tongue • English: advanced (C1/C2). “Certificate in English Language Teaching to Adults (CELTA)”, University of Cambridge • German: intermediate (B1/B2) • Danish: pre-intermediate (A2/B1).