

Curriculum Vitae of Tommaso Treu

Address: Department of Physics and Astronomy, UCLA, CA, 90095: tt@astro.ucla.edu

Scientific interests:

- Fundamental Physics and cosmology
- Galaxy Formation and Evolution
- Supermassive black holes

Education:

- Ph.D. in Physics at the Scuola Normale Superiore: 70/70 *cum laude*. February 2001
- Scuola Normale Fellow Degree in Physics: 70/70 *cum laude*. November 1998
- 'Laurea in Fisica' at the University of Pisa: 110/ 110 *cum laude*. October 1997

Selected Fellowships and Awards:

- Fellow of the American Association for the Advancement of Science. 2023
- Fellow of the American Astronomical Society. 2022
- Fellow of the American Physical Society. 2021
- American Association for the Advancement of Science Newcomb Cleveland Prize. 2021
- UCLA Physical Science Centennial Excellence Outstanding Discovery Award. 2020
- American Astronomical Society Newton Lacy Pierce Prize. 2010
- UCSB H.J. Plous Memorial Award. 2008
- David and Lucille Packard Fellowship for Science and Engineering. 2007
- National Science Foundation-CAREER Award. 2007
- Alfred P. Sloan Research Fellowship. 2007
- NASA Hubble Fellowship. 2003

Positions:

- July 2022 – Vice Chair for Astronomy, University of California, Los Angeles.
- July 2014 - Professor. University of California, Los Angeles
- 2011-2012 – Distinguished Visitor - Space Telescope Science Institute
- July 2010 – June 2014: Professor. University of California, Santa Barbara
- July 2008 - June 2010: Associate Professor. University of California, Santa Barbara
- March 2005 - June 2008: Assistant Professor. University of California, Santa Barbara
- 2003 - 2005: Hubble Fellow. University of California, Los Angeles
- 2000 - 2003: Postdoctoral Scholar. California Institute of Technology
- 1998 - 2000: Graduate Student. Space Telescope Science Institute
- 1998 - 2000: Physics Ph.D. student. Scuola Normale Superiore
- 1993 – 1997 – Physics undergraduate student. Scuola Normale Superiore.

Selected Professional activities:

- National Academy of Science
 - Astro2010 National Academy of Science Decadal Review Science Fronteer Panel Galaxies Across Cosmic Time (2009)
 - Astro2020 National Academy of Science Decadal Review Science Fronteer Panel Galaxies Across Cosmic Time (2019-2020)
- NASA James Webb Space Telescope Advisory/Users Committee (2016-2021)
- NASA Spitzer Space Telescope Oversight Committee (2012-2016)
- NASA Space Telescope Users Committee (2006-2009)
- NASA Senior Review 2022
- Thirty Meter Telescope Science Advisory Committee (2012-); Co-Chair (2018-); Chair (2019-2020); Deputy-Chair (2021-)
- University of California Observatory Advisory Committee (2007-)
- Project scientist of near-infrared tip-tilt sensor for Keck Adaptive Optics system (2010-2015)
- University of California Astronomy Task Force (2011-2012)
- Referee for: Astrophysical Journal, Astronomy & Astrophysics, Monthly Notices of the Royal Astronomical Society, Astronomical Journal, Nature, Nuovo, PRL, PRD Science, JCAP
- Reviewer for: National Science Foundation, European Research Council, Chilean Fondecyt, Netherlands Organization for Scientific Research, German-Israeli Foundation, Italian National Institute of Astrophysics, Italian Space Agency, Swiss National Foundation, NASA, US-Israel

Students and postdocs:

- 14 undergraduate research projects supervised
- 22 graduate student Phd thesis supervised
- 26 postdoctoral research scholars supervised

Grants and awards:

- over 10M\$ in external research funding since 2001

Invited talks and press releases:

- 175 + 13 public lectures + 25 press releases

Publication statistics:

- 406 refereed papers published to date
- 32,696 citations according to ADS
- h index of 104 (according to ADS: definition of Hirsch 2005)