

## Ph.D course in Astrophysics and Cosmology

**Head of the Ph.D course:** Prof. Andrea Lapi

**Web site:** [Astrophysics and Cosmology](#)

**Research lines:**

- Physical Cosmology
- Galaxy Formation and Evolution
- Stellar Structure and Evolution
- Gravitational Waves and Gravity Theory
- Dark Matter and Dark Energy
- Multimessenger Astrophysics
- Galaxy Clusters and Large Scale Structures
- Astrochemistry and Astrobiology
- Analysis of Astrophysical and Cosmological Datasets
- Computational Astrophysics

**Fellowships available:** 5

**Admission:** Academic and scientific qualifications + oral exam

**Beginning of the Courses:** 3 October, 2022

**Evaluation of academic and scientific qualifications:** 30 points

**Access to Oral Exam:** minimum mark of 21/30 in the academic and scientific qualifications evaluation up to a maximum of 15 admitted candidates.

**Evaluation of Oral Exam:** 70 points

**Total Evaluation:** 100 points

**Eligibility:** 70 points

### First Session

**Deadline for online submission of applications:** 7 March, 2022

**Oral Exam:** 29 and 30 March, 2022

### Second Session (only if there should still be places available after the first one)

**Deadline for online submission of applications:** 16 August, 2022

**Oral Exam:** 6 and 7 September, 2022

**Admission to the oral exam and results of all evaluations will be notified by email.**