

UNIVERSITÀ
DEGLI STUDI
DI PADOVA

*Padua in Human and Robotic
Space Exploration*

From CISAS to the National PhD in Space Science and Technology

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UNIVERSITÀ
DEGLI STUDI
DI PADOVA

Spogi

Dipartimento di Scienze Politiche,
Giuridiche e Studi Internazionali



InsSciDE

Inventing a shared Science
Diplomacy for Europe

A Horizon 2020 project
involving 11 European
countries, 2018-2021
and targeting Diplomats,
Scientists and Researchers,
and Policy makers



FISR 2020 ExPoSTID ExPost Italian Diplomacy.

Esperti e politici in Scienza e Tecnologia in Italia per una diplomazia multilaterale preventiva

**PRIN 2017 Science, technology and international relations:
case studies in Italian foreign policy (2019-23)**



IL CENTRO

ATTIVITÀ

PHD COURSE - DOTTORATO

SERVIZI

AVVISI E NOTIZIE

AVVISI

ARCHIVIO NEWS



PhD call for CSC candidates - 39th cycle
NEW Application deadline: January 23, 2023 at 13 (CEST)



STUDIARE



→ [PhD Course: General Description](#)

RICERCA



→ [Linee di ricerca](#)

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RASSEGNE STAMPA



AREA RISERVATA



STAFF





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Giuseppe 'Bepi' Colombo: Grandfather of the fly-by 1920-1984

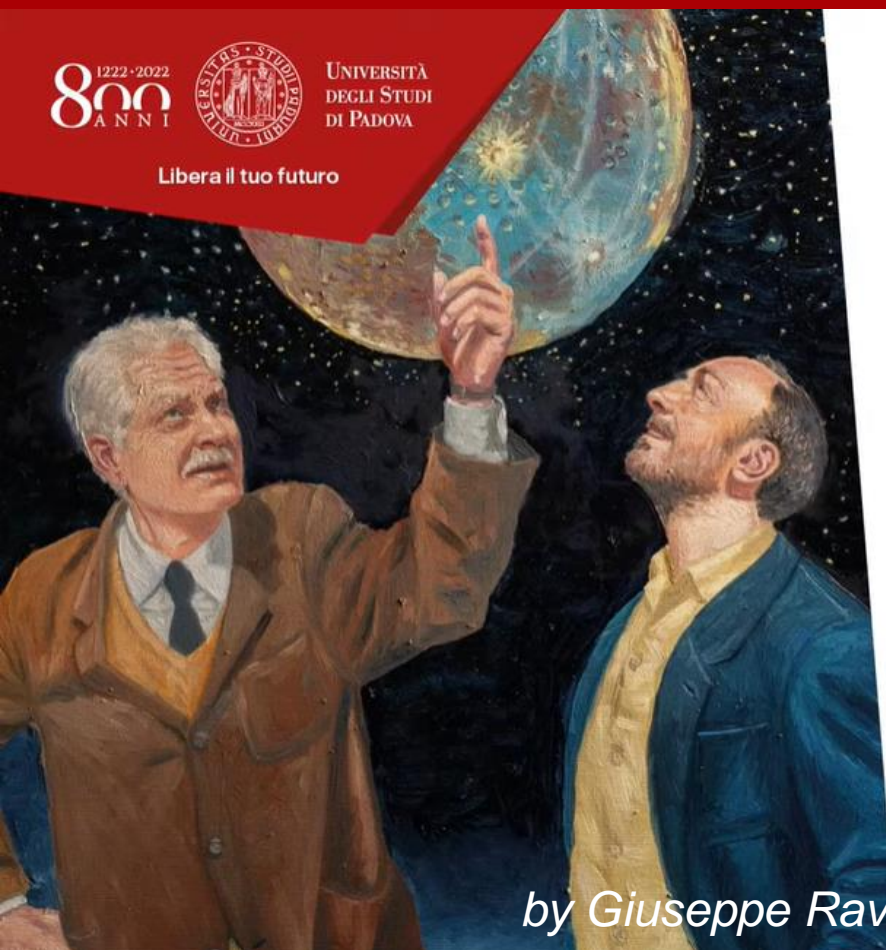


by Giuseppe Rava



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Bepi Colombo: il pescatore di stelle #800unipd - YouTube



Bepi Colombo: Star Fisherman Padua 800 anniversary



1222-2022
800
ANNI



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Centro di Ateneo di Studi e Attività Spaziali "Giuseppe Colombo" - CISAS

IL CENTRO

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Corso di Dottorato Nazionale in Space Science and Technology:
informazioni generali - Space Science and Technology PhD course:
general information



AVVISI
ARCHIVIO NEWS



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National PhD Program in Space Science and Technology - SST | UniTrento (unitn.it)



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DI TRENTO

Work with us | Work with our graduates

PROSPECTIVE STUDENT | STUDENT | INTERNATIONAL STUDENT | ALUMNI | PHD/RESEARCH FELLOW | PROFESSOR AND STAFF | MEDIA



PhD SST
Space Science
and Technology



University

Structures

Research

Education ▾

International

UNITRENTOMAG

Doctoral programmes

Masters

Advanced Training

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National PhD Program in Space Science and Technology - SST



Educational activities for PhD students

Science and technology

Physics

Information Engineering and Computer Science

Civil, Environmental and Mechanical Engineering

Industrial Innovation

Director: Prof. Roberto Battiston

Deputy-director: Prof. Myrka Zago

Curricula

1. Observation of the Universe
2. Earth and the Sun-Earth system
3. Planetary Sciences
4. Astrobiology, Life Sciences and Space Medicine



Educational activities for PhD students

Science and technology

Physics

Information Engineering and Computer Science

Civil, Environmental and Mechanical Engineering

Industrial Innovation

Mathematics

Materials, Mechatronics and Systems Engineering

Agrifood and Environmental Sciences

Biomolecular Sciences

Humanities

European Cultures. Environment, Contexts, Histories, Arts, Ideas

Doctoral School of Social Sciences

Announcement of selection

Economics and Management

SUSTEEMS

Sociology and Social Research

Forms of cultural exchange and textuality

Comparative and European Legal Studies

International Studies

Cognitive Science

Cognitive Science

Cognitive and Brain Sciences

Director: Prof. Roberto Battiston

Deputy-director: Prof. Myrka Zago

Curricula

1. Observation of the Universe
2. Earth and the Sun-Earth system
3. Planetary Sciences
4. Astrobiology, Life Sciences and Space Medicine
5. Space sensing and instrumentation
6. Engineering and satellite platform technologies
7. Economics, law and space diplomacy Coordinator David Burigana

Call for applications for the admission to the Doctoral programme in Space Science and Technology are now available.

Further information at the webpage:

- [Announcement of selection](#)

Educational Goals

Italy has a long tradition in **space science and technology** and has developed a comprehensive chain of activities linking university education, academic, private research and industrial activities.

Space activities represent **a multidisciplinary field that requires specific education and training.**

The **National PhD Program in Space Science and Technology** aims to train young PhD's in the field of **science, engineering, technology and international relations in the space sector** through the development of knowledge, skills and competencies in the research areas of interest of the twenty-seven participating Universities and Research Institutions.

The **training topics** related to space activities cover **multiple areas**, which makes the National PhD approach particularly effective. In this way, lectures and training content, laboratories and internship opportunities, offered by a large number of national and international universities and research organizations, can be shared, ensuring quality and excellence in content, the building of a solid network of professional relationships and at the same time a wide variety of customized training profiles



Opportunities

Rights and duties

List of calls for Phd positions

PagoPA service

Scientific Areas

FIS/01 - EXPERIMENTAL PHYSICS
FIS/02 - THEORETICAL PHYSICS, MATHEMATICAL MODELS AND METHODS
FIS/03 - PHYSICS OF MATTER
FIS/04 - NUCLEAR AND SUBNUCLEAR PHYSICS
FIS/05 - ASTRONOMY AND ASTROPHYSICS
FIS/06 - PHYSICS OF THE EARTH AND OF THE CIRCUMTERRESTRIAL MEDIUM
ING-INF/01 - ELECTRONICS
ING-INF/02 - ELECTROMAGNETIC FIELDS
ING-INF/03 - TELECOMMUNICATIONS
ING-INF/05 - INFORMATION PROCESSING SYSTEMS
ING-IND/01 - NAVAL ARCHITECTURE
ING-IND/12 - MECHANICAL AND THERMAL MEASUREMENTS
ING-IND/13 - APPLIED MECHANICS
ING-IND/22 - MATERIALS SCIENCE AND TECHNOLOGY
ING-IND/24 - FUNDAMENTALS OF CHEMICAL ENGINEERING
SPS/06 - HISTORY OF INTERNATIONAL RELATIONS
GEO/04 - PHYSICAL GEOGRAPHY AND GEOMORPHOLOGY
GEO/06 - MINERALOGY
GEO/10 - SOLID EARTH GEOPHYSICS
IUS/01 - PRIVATE LAW
BIO/09 - PHYSIOLOGY
BIO/10 - BIOCHEMISTRY
MAT/05 - MATHEMATICAL ANALYSIS
MAT/07 - MATHEMATICAL PHYSICS
M-PSI/01 - GENERAL PSYCHOLOGY
M-PSI/02 - PSYCHOBIOLOGY AND PHYSIOLOGICAL PSYCHOLOGY
ICAR/08 - STRUCTURAL MECHANICS

Duration: 3 years

Official language: English