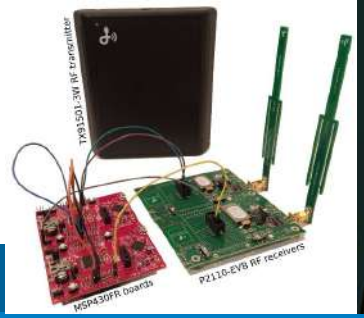
DOCTORAL PROGRAM IN

INFORMATION ENGINEERING AND COMPUTER SCIENCE





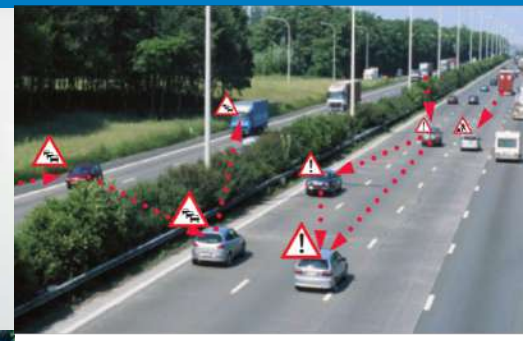


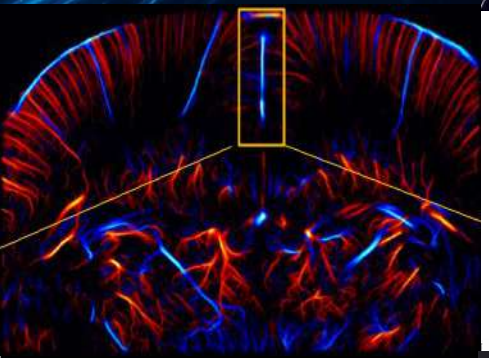












Language Speech and Interaction















DOCTORAL PROGRAM IN INFORMATION ENGINEERING AND COMPUTER SCIENCE

UNIVERSITY OF TRENTO



17.000 Students
1.300 Foreign students

Click Here

UNIVERSITY OF TRENTO

TOP POSITIONS in national and international university rankings

DOCTORAL PROGRAM IN INFORMATION ENGINEERING AND COMPUTER SCIENCE

DEPARTMENT OF INFORMATION ENGINEERING AND COMPUTER SCIENCE



THE WORLD UNIVERSITY RANKINGS

#176-200 (2025) in Computer Science

SHANGHAI RANKING

In the Shanghai Ranking's Global Ranking of Academic Subjects 2024 - Computer Science & Engineering, the University of Trento is ranked 151-200.

CENSIS

The CENSIS ranking 2024-2025 ranked the University of Trento as First among medium universities

Click Here

DISI

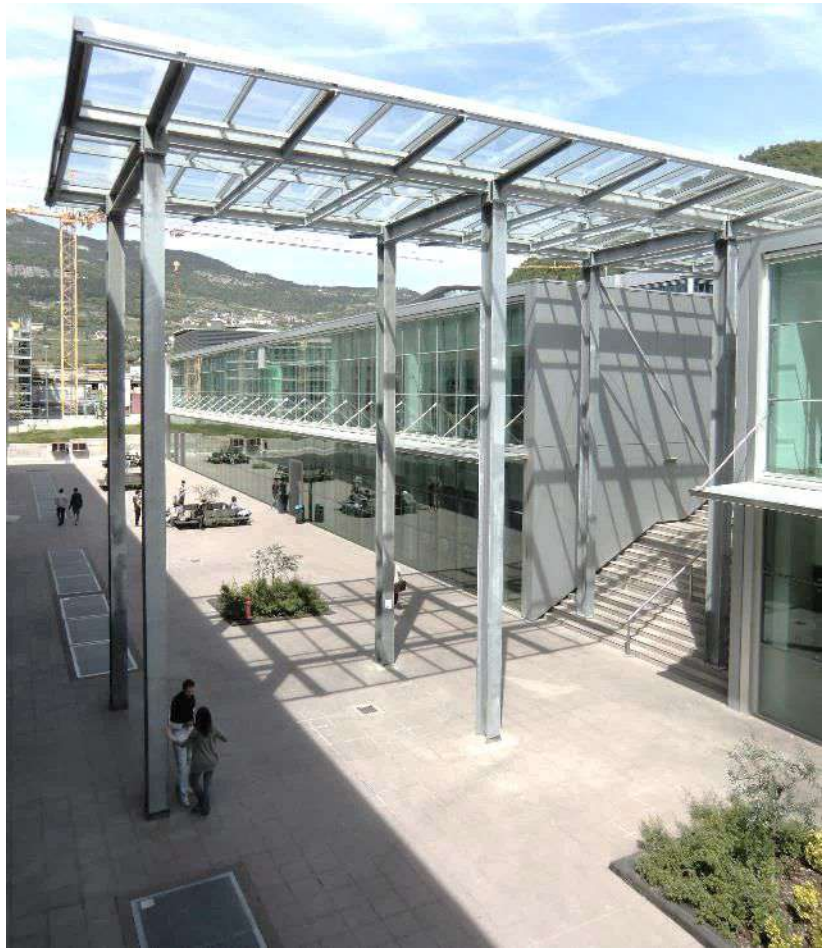
DOCTORAL PROGRAM IN INFORMATION ENGINEERING AND COMPUTER SCIENCE

PhD PROGRAM IN A NUTSHELL

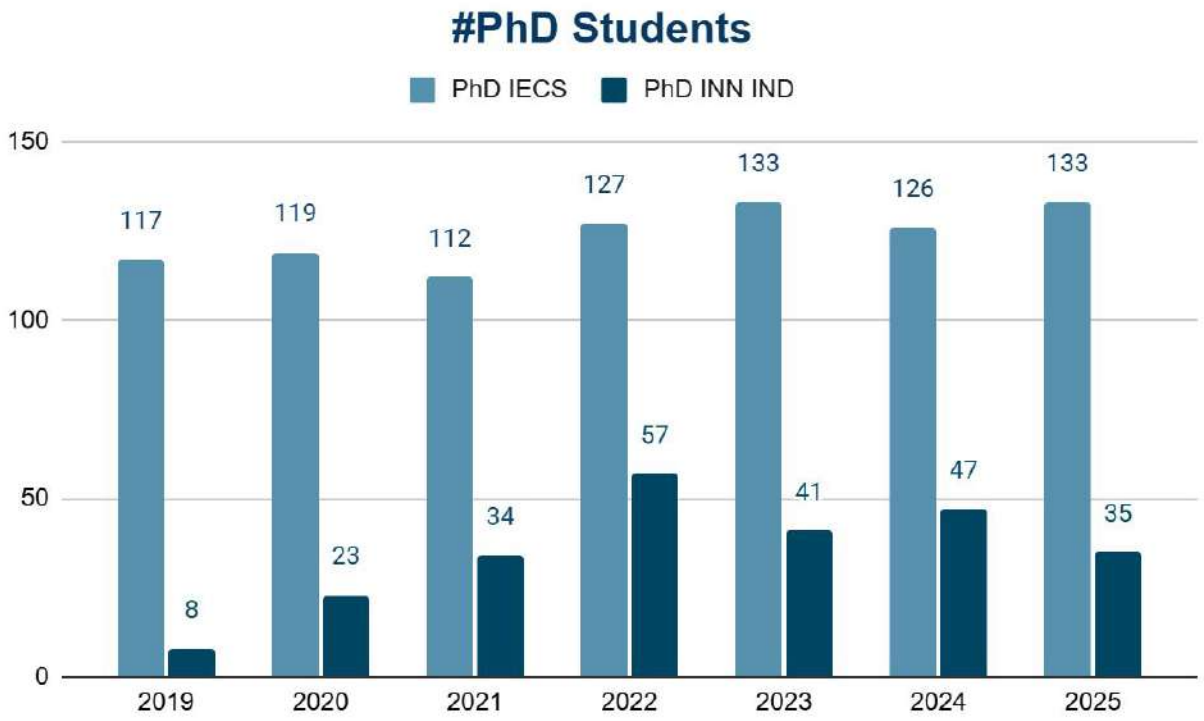
The ICT International Doctoral School since about 20 years delivers the skills necessary to conduct advanced research and to contribute to scientific and technological progress.

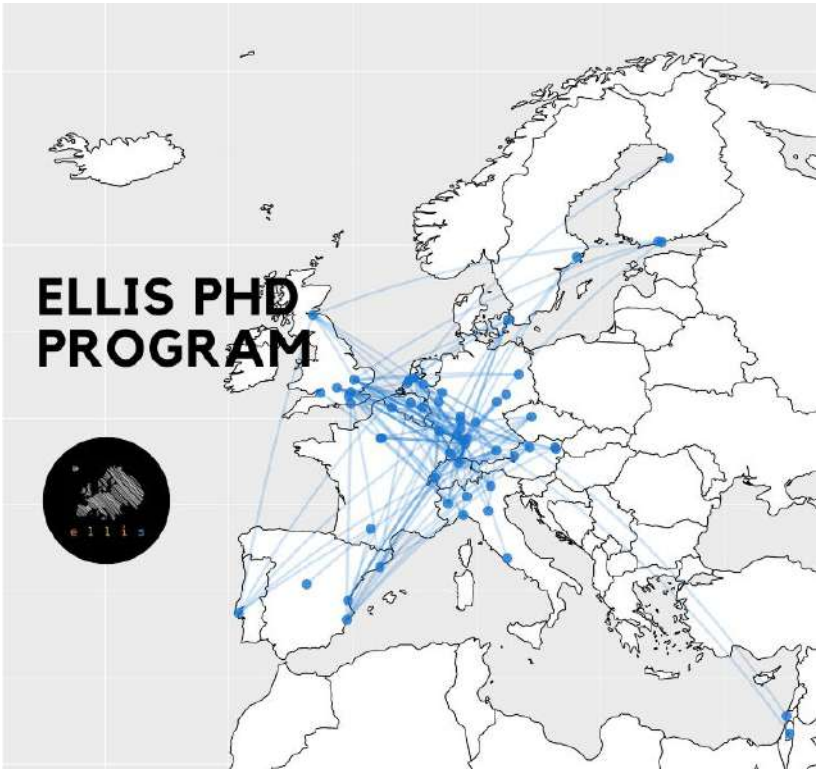
The specific objective of the doctoral program is to train professionals able to develop high-quality and innovative information and telecommunication solutions.

Our alumni work at leading universities, research centers and private companies.



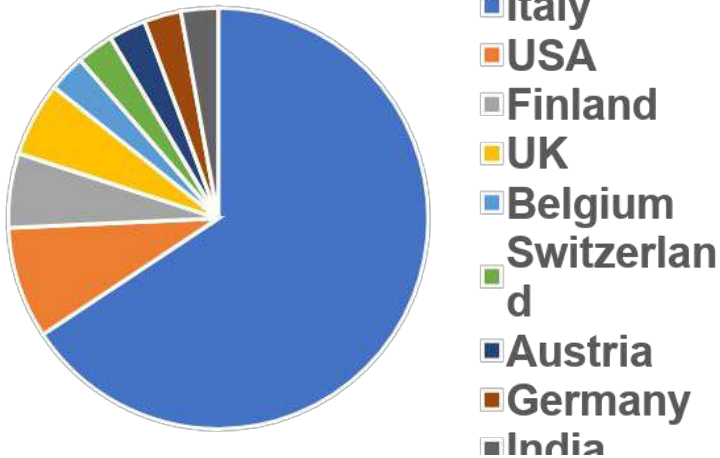
PhD PROGRAM STATS



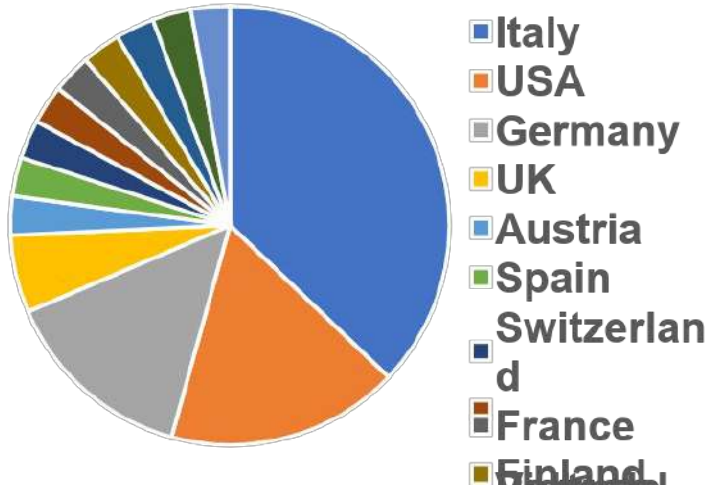


PhD PROGRAM STATS

Academia (52%)



Industry (48%)



ETH Eidgenössische Technische Hochschule Zürich

UNITRENTO

Carnegie Mellon University

香港中文大學 The Chinese University of Hong Kong

FONDAZIONE BRUNO KESSLER

Google

HUAWEI

amazon

STELLANTIS

Meta

DOCTORAL PROGRAM IN INFORMATION ENGINEERING AND COMPUTER SCIENCE

PhD PROGRAM OVERVIEW

Duration: 3 years

Academic year: from November, 1st to October, 31st

Official language: English

Period abroad: Mandatory 3-month research period abroad

Exclusive and full-time commitment is required



DOCTORAL PROGRAM IN INFORMATION ENGINEERING AND COMPUTER SCIENCE

PhD TRACKS

- **Standard PhD program in cutting-edge research areas:**

Bioinformatics
Biomedical Imaging
Computer Vision
Cyber Security
Data Analytics and Management
Deep and Structured Machine Learning
Distributed Sensing
Formal Methods
Human Computer Interaction
Knowledge Management
Machine Learning and Intelligent Optimization
Multimedia Analysis
Natural Language Processing
Pattern Recognition
Remote Sensing and Radar
Signal Processing
Social Informatics
Software Engineering
Speech and Dialogue
Systems and Networks
Wireless Networking
Wireless Technology and System
Embedded Systems

- **Transdisciplinary Program: Standard PhD Program + extra discipline:**

Space Data Science and Technology (SpaDaST)
Quantum Science and Technologies (QST)



DOCTORAL PROGRAM IN INFORMATION ENGINEERING AND COMPUTER SCIENCE

INTERNATIONAL OPPORTUNITIES

Double PhD Degree

- Jilin University, **PRC - China**
- Leopold Franzes of Innsbruck, **Austria**
- Mongolian National University of Medical Sciences, **Mongolia**
- Pontificía Universidade Católica do Rio de Janeiro, **Brasil**
- Pontificia Universidad Catolica de Chile, **Chile**
- Radboud University, **The Netherlands**
- Tomsk Polytechnic University, **Russia**
- Ufa State Aviation Technical University, **Russia**
- University of Haifa, **Israel**
- University of Iceland, **Iceland**
- University Novi Sad, **Serbia**
- Universitatea Politehnica Bucuresti, **Romania**
- University of Zagreb, **Croatia**

Mobility Programs

- Bilateral Agreements with universities all over the world
- Erasmus Mundus Programs
- Erasmus+ Program





DOCTORAL PROGRAM IN INFORMATION ENGINEERING AND COMPUTER SCIENCE

APPLICANTS SELECTION PROCESS



Applications for the PhD Program in Information and Communication Technology are accepted from applicants who hold a Master's Degree.

Applications are also accepted from students who expect to complete their degree by October 31st.

The application is subject to €15 non-refundable fee.

DOCTORAL PROGRAM IN INFORMATION ENGINEERING AND COMPUTER SCIENCE

PhD PROGRAM TIMELINE

Year 1

- Coursework
- Research problem and research plan definition

Admission to Y2:

- ≥ 6 course credits (2 courses)
- Positive assessment by the advisor

Year 2

- **Qualifying Exam**
- Coursework
- Preliminary research results

Admission to Y3:

- Qualifying exam passed
- ≥12 course credits (Y1+Y2) (4 courses)
- Research plan incl. period abroad
- ≥2 SI-/SCOPUS-publications plan
- Positive assessment by the advisor

Year 3

- Research work
- Period abroad
- Doctoral Thesis submission

Admission to FE:

- ≥6 seminars or ≥3 seminars and ≥1 Summer/Winter school
- Completion of ≥3-months research period abroad
- ≥2 ISI-/SCOPUS-indexed publications

Final Exam

PhD Degree

DOCTORAL PROGRAM IN INFORMATION ENGINEERING AND COMPUTER SCIENCE

BENEFITS

Scholarship

•All the PhD positions are covered by scholarships. The scholarship is approx. 1.600€/month net for 3 years. The net amount may change, depending on the country of residence and specific taxation agreements.

Research budget

•Each student is provided with a budget for research activity (€ 6.525) which can be used only for educational and research purposes, e.g. courses, conferences, summer schools, registration to scientific associations.

Scholarship increase for periods abroad

••Students with a PhD scholarship are entitled to get a 50% increase of their scholarship when staying abroad for their doctoral research and studies.



BENEFITS

Accommodation

•1st year students have the priority for getting accommodation at student residences.

Annual pass for public transport

•PhD students can buy the free circulation annual bus pass (public transport within Trento province) at the reduced cost of 50€.

Visa and stay permit

••The Welcome Office of the University of Trento supports students in the visa request, arrival, permit of stay and housing procedures.



DOCTORAL PROGRAM IN INFORMATION ENGINEERING AND COMPUTER SCIENCE

TRENTO



CONTACTS

WEBSITE: https://iecs.unitn.it/

SECRETARIAT: iecs.school@unitn.it