

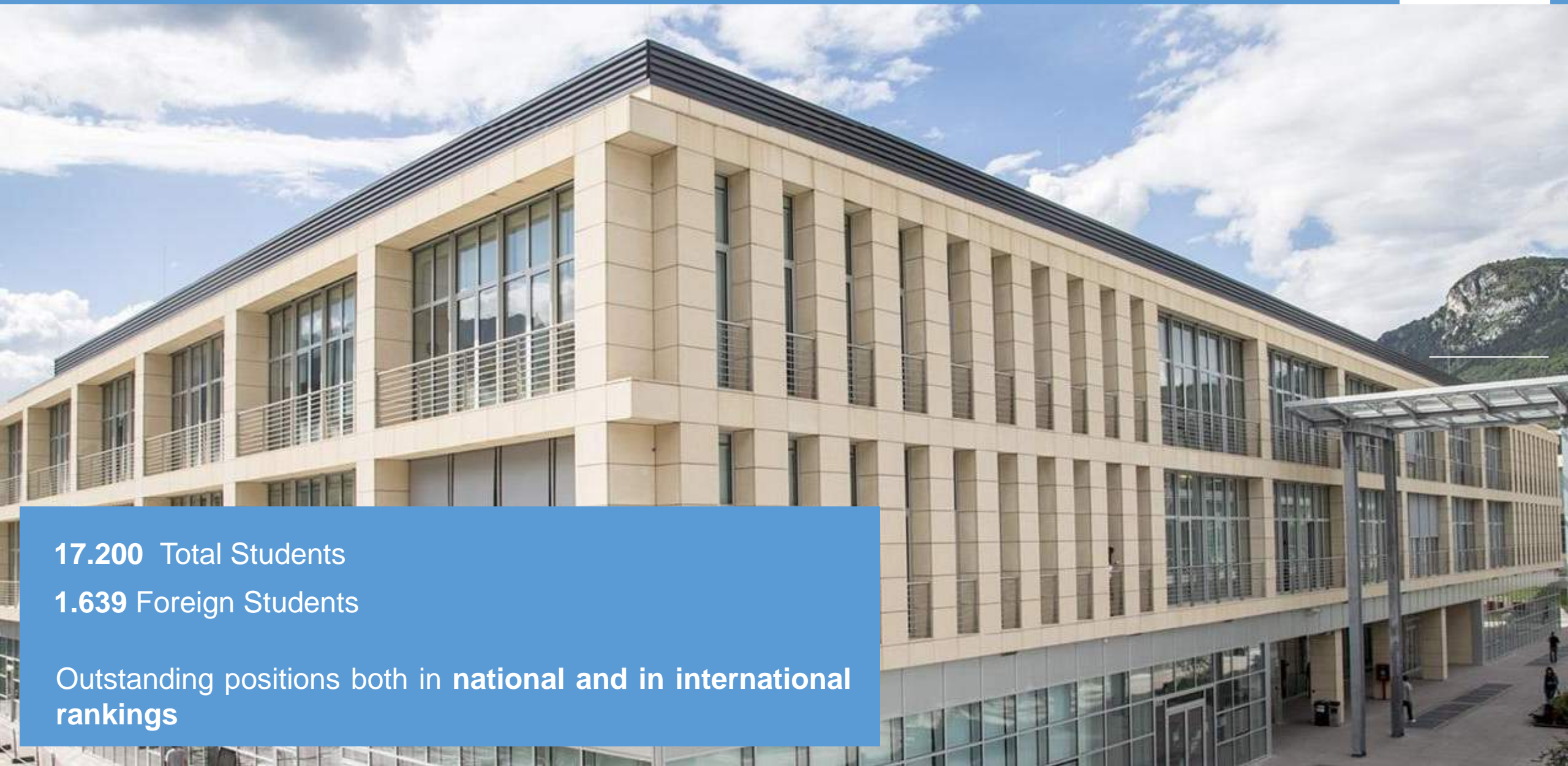
ICT INTERNATIONAL DOCTORAL SCHOOL

Department of Information Engineering and Computer Science
University of Trento, Italy





In the heart of the Alps



17.200 Total Students

1.639 Foreign Students

Outstanding positions both in **national and in international rankings**



Undergraduate courses

Computer Science
Information and Business Organisation Engineering
Information and Communications Engineering

Master of Science courses

Computer Science
Telecommunications Engineering
Human-Computer Interaction

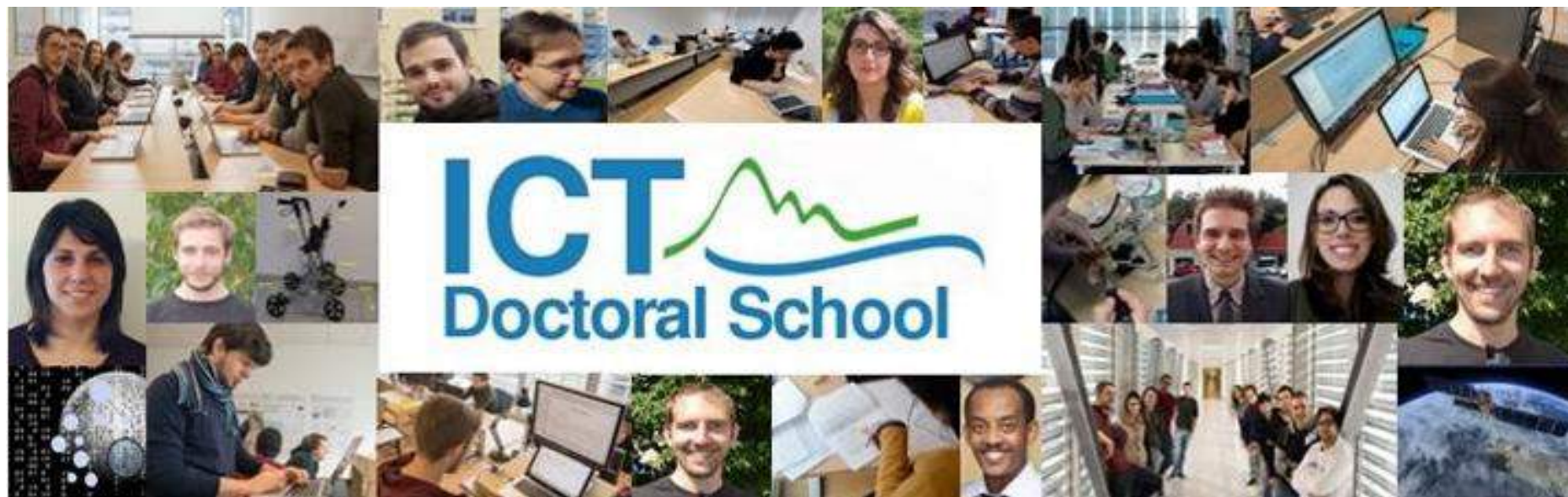
Double degrees

EIT Digital
Supélec

Other

Advanced Course in Technologies for Active and
Healthy Ageing
Master in Smart Community Design and
Management





205 PhD Students from all over the world

- English as the official language
- Lectures internationally renowned in their fields of research
- Periods of study and research spent abroad
- Agreements with several foreign universities and companies

Scholarships are awarded for the entire PhD programme. Additional funding awarded to PhD Students: research budget; lodging contribution; 50% scholarship increase for periods spent abroad; health insurance reimbursement



A word cloud of research topics in Computer Science and Telecommunications. The words are arranged in a roughly circular pattern and vary in size and color. The largest and most prominent words are 'Machine Learning' (blue), 'Natural Language Processing' (orange), and 'Knowledge Management' (orange). Other significant words include 'Human Computer Interaction' (blue), 'Security' (green), 'Wireless Networking' (blue), and 'Software Engineering' (blue). Smaller words include 'Pattern Recognition', 'Computer Vision', 'Speech and Dialogue', 'Remote Sensing and Radar', 'Electronics', 'Social Informatics', 'Signal Processing', 'Formal Methods', 'Multimedia Analysis', 'Bioinformatics', 'Systems and Networks', 'Data Analytics and Management', 'Embedded Systems', and 'Distribute Sensing'.

Pattern Recognition
Computer Vision Speech and Dialogue
Remote Sensing and Radar
Human Computer Interaction
Electronics Social Informatics
Natural Language Processing
Signal Processing Machine Learning
Knowledge Management
Formal Methods Security Multimedia Analysis
Software Engineering
Bioinformatics Wireless Networking
Systems and Networks Data Analytics and Management
Embedded Systems
Distribute Sensing



Duration: 3 years + 1 year extension

Academic year: from November to October, 31st

Exclusive and full-time commitment

Mandatory 3-month research period abroad

41 Doctoral Courses offered on cutting-edge research areas

Transdisciplinary Program: cross-disciplinary research within the PhD program

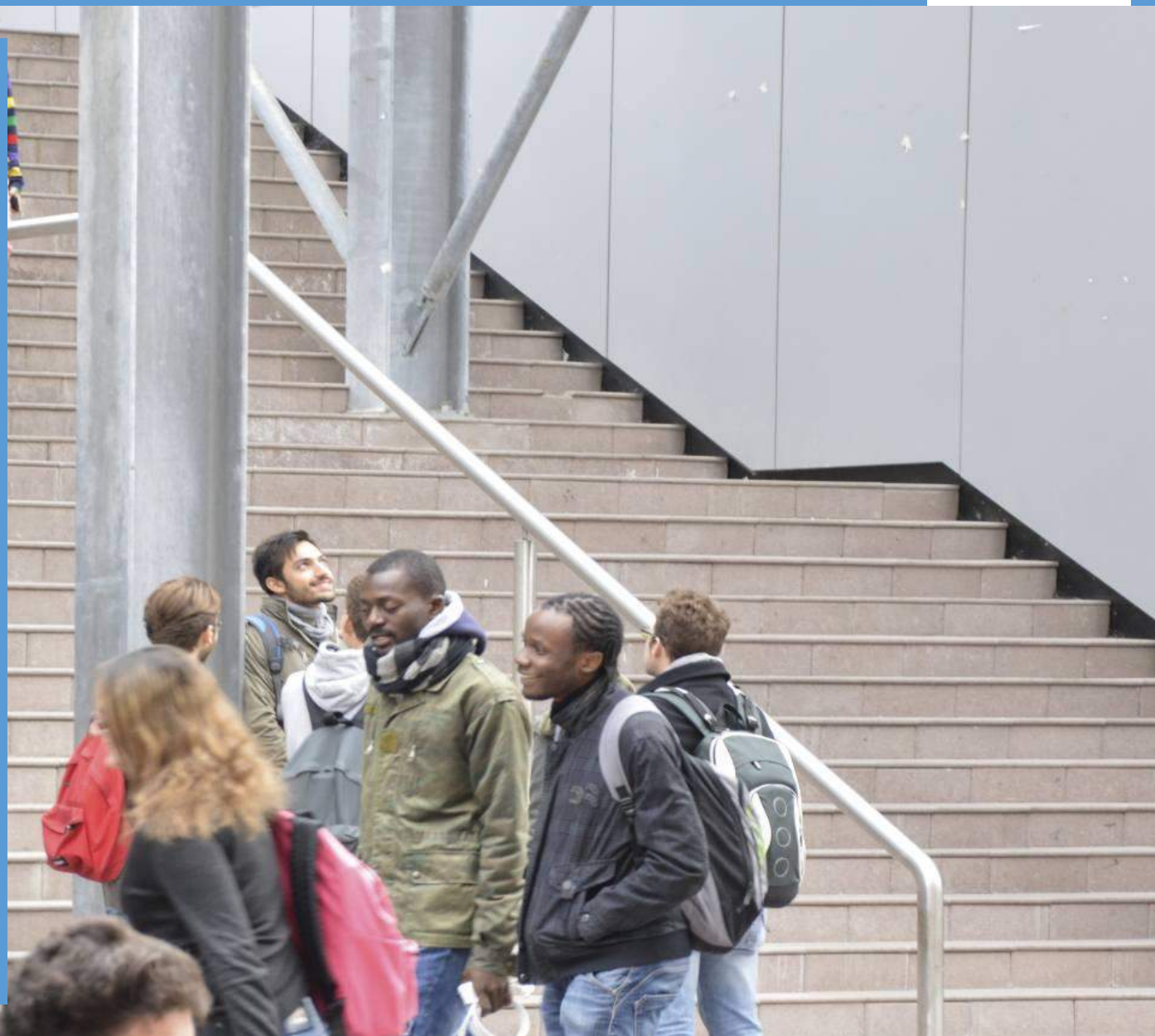


Co-tutelle de These, Double Phd Degree

- Leopold Franzes of Innsbruck, **Austria**
- Pontificia Universidade Católica do Rio de Janeiro, **Brasile**
- Pontificia Universidad Catolica de Chile, **Cile**
- Tomsk Polytechnic University, **Russia**
- University of Haifa, **Israele**
- University of Iceland, **Islanda**
- University Novi Sad, **Serbia**
- Universitatea Politehnica Bucuresti, **Romania**
- University Ufa State Aviation Technical, **Russia**
- University of Zagreb, **Croazia**

Mobility Programs

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





- **Welcome office:** support to international students carrying out all the procedures necessary to regulate their stay
- **Part-time jobs** for students
- **Job Guidance** service
- 6 university **canteens**
- More than 1.500 **university lodgings**
- **Language Centre – CLA** organizes English, German, French, Spanish, Portuguese, Russian and Chinese courses, as well as courses in Italian as a second language





Uni.Sport, the University of Trento sports network, organizes over **35 courses** in fitness, wellness, individual and team sports, with competitions and events all year round

Uni.Sport - TOPSport programme is a project started in 2011 for professional athletes, who wish to pursue both a sport and a university career



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The **ICT International Doctoral School** is dedicated to promoting excellence in the world of Information and Communication Technology and aims to educate new professionals with skills and attitudes for the future:

- **International dimension:** students and lecturers from many countries and English as the official language
- Special PhD educational tracks with the **DTC - Doctoral Training Center** and the **Transdisciplinary Program**
- The majority of the PhD positions are covered by **scholarships**

RESEARCH AREAS:

BIOINFORMATICS
COMPUTER VISION
DATA ANALYTICS AND MANAGEMENT
DISTRIBUTED SENSING
EMBEDDED SYSTEMS
FORMAL METHODS
HUMAN-COMPUTER INTERACTION
KNOWLEDGE MANAGEMENT
MACHINE LEARNING
MULTIMEDIA ANALYSIS
NATURAL LANGUAGE PROCESSING
PATTERN RECOGNITION
REMOTE SENSING AND RADAR
SECURITY
SIGNAL PROCESSING
SOCIAL INFORMATICS
SOFTWARE ENGINEERING
SPEECH AND DIALOGUE
SYSTEMS AND NETWORKS
WIRELESS NETWORKING

- **29 PhD positions**, of which 25 are covered by scholarships
- Deadline for application: May 26, 2016, 04.00 PM (+2GMT)
- Instructions on the application to the PhD Call are available at: <http://ict.unitn.it/>
- Contact point Ambassador:
Dr. Mohammed Abdel-Megeed Salem
 - Faculty of Computer and Information Sciences, Ain Shams University, Cairo, Egypt. Tel.: +20 11 1727 1050 salem@cis.asu.edu.eg

