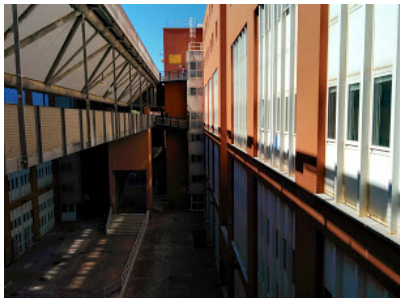# WELCOME TO THE UNIVERSITY OF CALABRIA

Calabria is the region situated in the "toe" of the Italian peninsula. It borders in the north with the region of Basilicata and is surrounded in the east and west by the Ionian and Tyrrhenian Sea, respectively. In the South-West the Strait of Messina separates Calabria from Sicily. The territory is mostly mountainous and the climate is mild. The region has a rich history which goes back to the times of Phytagoras who founded his famous school right here in Calabria. Even today remains of ancient Greek settlements can be found on the archaeological sites, and many towns have preserved their medieval character.

The university, founded in 1972, is located in the hills near Arcavacata di Rende, a little town in the vicinity of the city of Cosenza. Its modern architecture is characterized by a double-decked bridge with red square buildings along its sides. At the middle a glass building houses one of the largest libraries of southern Italy. The University of Calabria is one of the few universities in Italy where students can reside on campus. The residences are located on both sides of the bridge, but towards the edge of campus. The campus includes a sports centre, a health care centre, a centre for arts and music which incorporates a theater, a language centre, and the "Centro Residenziale" which provides accommodation and leisure facilities for students. Moreover, places to relax, like the Tyrrhenian beaches and the ski slopes of the Sila mountains, are within an hour's drive from campus.

The university has a long-standing and active participation in the Erasmus programme.

Come and join the international community of the University of Calabria.

COMPUTER SCIENCE @ UNIVERSITY OF CALABRIA

The Computer Science research group at the University of Calabria is internationally renowned for its contributions in the areas of artificial intelligence, databases and knowledge management. The research activity in Computer Science within the Department of Mathematics and Computer Science can be roughly divided into the three areas: Artificial Intelligence, Intelligent Information Systems and Modeling and Simulation of Complex Systems.

The research of the group has been awarded with several international prizes; furthermore, in the two most recent research assessments the group ranked among top two research groups in computer science in Italy for its quality of research. It also participates in several international research projects funded by the European Commission, and is actively involved in technology transfer: it fostered the creation of four academic spin-off companies.

The First Degree

The main objective of the First Degree in Computer Science is the creation of a professional figure who is experienced in problem-solving, possesses solid computational skills, is knowledgeable of computer systems and has a sound background in mathematics. Graduates should be able to understand and use mathematical models designed for scientific, technological or economic purposes and be capable of developing and administering advanced software programmes.

The Second Degree

The emphasis of the curriculum in the Second Degree course is on the Computer Science group's expertise and research interests. In particular the research-specific courses mentioned below allow the students to take a leadership role in the application and development of new technologies, as well as to continue further studies by pursuing a Ph.D.. All courses towards the Second Degree in Computer Science are offered in English.

The research of the group is reflected in the courses taught: Artificial Intelligence, Computer Graphics, and Databases, which are offered for the First Degree in Computer Science; Data Warehouse and Data Mining, Intelligent Systems, Knowledge Management, Modeling and Simulation, and Parallel Algorithms and Distributed Systems, offered for the Second Degree in Computer Science. The university also offers a Ph.D.-programme in Computer Science.

More information about the University of Calabria, the courses offered by the degree course in Computer Science and the activities of the Computer Science research group can be found on:

`www.mat.unical.it/ComputerScience`