# The Faculty of Civil and Industrial Engineering

Welcome Day

February 15th 2023

# UNIVERSITY, some historical notes

- The word **university** is derived from the Latin "universitas magistrorum et scholarium", which roughly means "*community of teachers and scholars*".

- The modern university system has roots in the European medieval university, which was created in Italy and evolved from cathedral schools for the clergy during the High Middle Ages.

- The first university in the world with a form of guild structure was the University of Bologna (1088).

- Bologna's special claim to "*Alma Mater Studiorum*" (mother who feeds the studies) is based on its autonomy, its awarding of degrees, and other structural arrangements, making it the oldest continuously operating institution independent of kings, emperors or any kind of direct religious authority.

- At the beginning of 14th Century there were already 20 universities in Europe, 10 of which in Italy.

# The history of SAPIENZA

- Sapienza University of Rome was founded on **April 20th 1303** by Pope Boniface VIII as "Studium Urbis".
- In 1431 Pope Eugene IV reorganized the Studium including four faculties (Law, Medicine, Philosophy and Theology) and buying a palace which later housed the *Sant'Ivo alla Sapienza* church, a baroque masterpiece built by Francesco Borromini.
- In 1808, the Faculties were Sacred Sciences, Law, Philosophy, Medicine and Surgery, Philology.
- In 1904 the Policlinico Umberto I was opened next to Termini railway station, as a University hospital and headquarters of the Faculty of Medicine and Surgery.
- In 1935 the **new university campus** designed by Marcello Piacentini, close to Stazione Termini and Policlinico Umberto I, was completed.

# SAPIENZA
## UNIVERSITÀ DI ROMA

**1303**
year of foundation

**1**
main campus

**16**
campuses in Rome

**14**
campuses outside Rome

**63**
departments

**11**
faculties

**1**
school of advanced studies

**1**
school of aerospace

**2**
university hospitals

**2**
decentralised campuses: Latina & Rieti

**13**
management areas

**55**
libraries

**18**
museums

**25**
research centres

**111.602**
students enrolled in all educational programmes

**102.048**
students enrolled in bachelors and masters programmes

**27.095**
f rst-year students

**9.554**
graduate students enrolled in PhD programmes

**4.002**
academic personnel

**763**
full professors

**1.248**
associate professors

**1.391**
university researchers

**157**
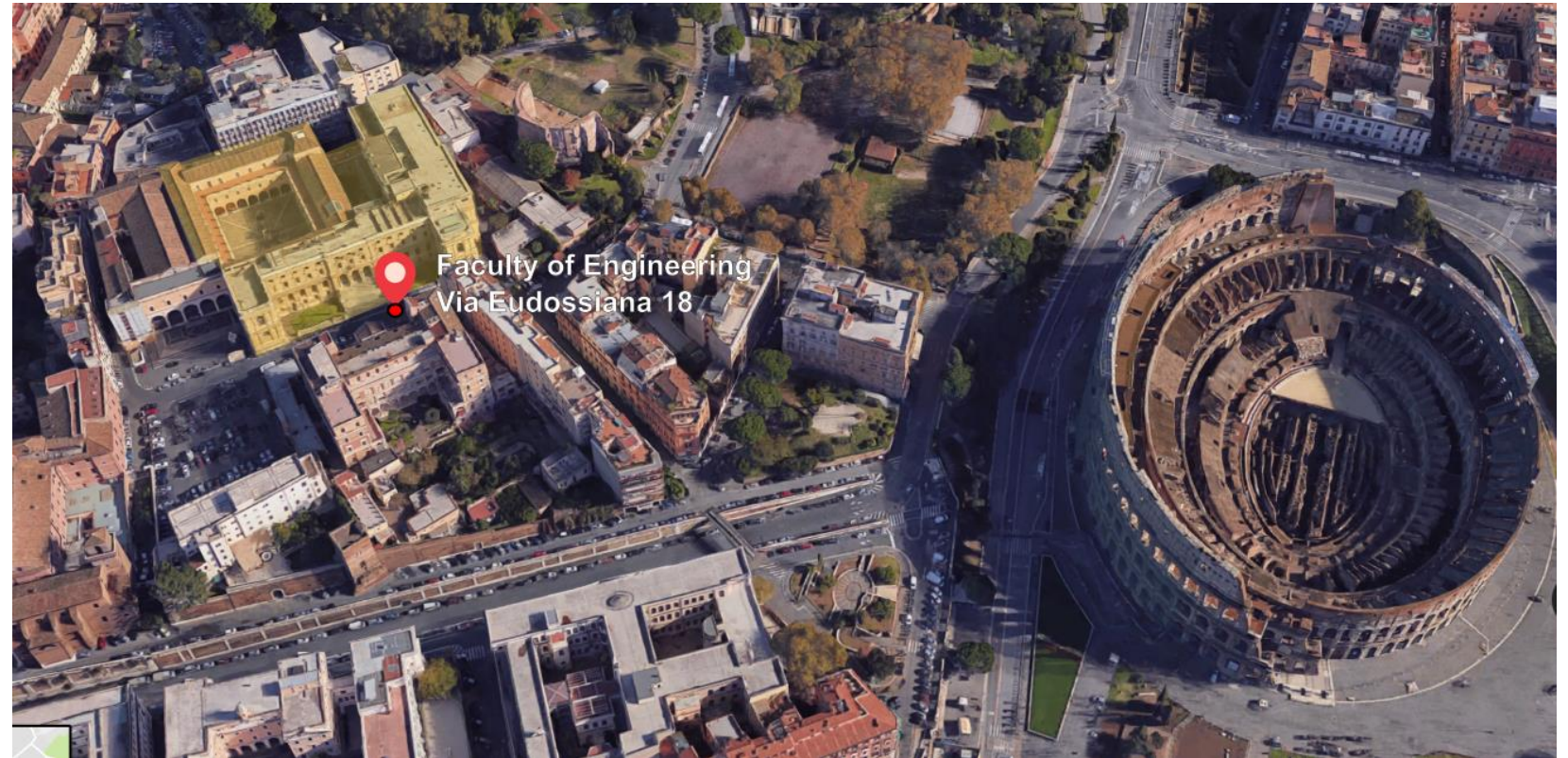university researchers (f xed-term contract)

**443**
contact lecturers

C.N.I.S
CENTER OF NANOTECHNOLOGY FOR ENGINEERING OF SAPIENZA

# The School of Engineering

- The **School of Engineering** was founded in 1817 by Pope Pio VII, following the example of the most renowned Schools of the time.
- In 1935, following the reform inspired by Giovanni Gentile, Minister of Public Education at the time, the School becomes **Faculty of Engineering**



- Since 2010, the Faculty is administratively divided in **Faculty of Civil and Industrial Engineering** and **Faculty of Information Engineering, Informatics, and Statistics**, but the activities are strictly connected.

# The Historical location



The Faculty is located in the area of the old convent of San Pietro in Vincoli, built on the ruins of the imperial palace of Nerone, the Domus Aurea.

The conference room was, in the past, the refectory of the friars and underneath the cloister floor there is a beautiful medieval cistern.
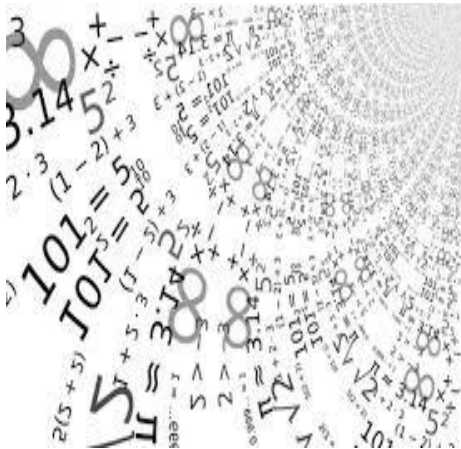


The heart of our Faculty is the monastery **cloister**, designed by Giuliano da Sangallo (1493), one of the most important examples of Renaissance architecture in Rome.

The well at the center of the cloister has two pairs of columns supporting a simple architrave, that some attributed to Michelangelo Buonarroti. It is also the symbol of our Faculty.

# The numbers of the Faculty

- Approx. 10.000 students
- More than 300 professors
- 6 Departments
- 29 Degrees (Bachelor and Master)
- 11 PhD Courses

- Three Campus: Roma – Latina - Rieti
- Six Departments
  - ✓ Astronautics, Electrical and Energetics Engineering
  - ✓ Chemical Materials, Environmental Engineering
  - ✓ Civil, Building and Environmental Engineering
  - ✓ Mechanical and Aerospace Engineering
  - ✓ Structural and Geotechnical Engineering
  - ✓ Basic and Applied Sciences for Engineering

- Departments are structures responsible for the organization and management of research activities and are coordinated by the Faculty for the didactic activities.

# International

- Seven completely english-taught Master Courses
- One Erasmus Mundus Joint Master Degree
- One completely English-taught Bachelor Degree
- Several Double Degree agreements with universities in France, Spain and USA.
- More than 120 Erasmus agremeents with European universities
- More than 300 foreign students studying with us each year.

Dean of the Faculty
Prof. Carlo Massimo Casciola

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