

the Scuola Normale Superiore

Innovative by Tradition



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Founded by Napoleon in 1810 as a twin sister of the École Normale Supérieure in Paris, **its mission is to forge the European intellectual élite** by promoting talent and personal skills.

A **very dynamic institution**, promptly responding to societal changes, **nowadays SNS supports world-class research and training** in an extremely stimulating cultural environment.



CELEBRITIES OF SNS

Among **5500** Alumni since **1810**.

Nobel Prize Awards:

Giosuè Carducci (Literature)

Enrico Fermi (Physics)

Carlo Rubbia (Physics)

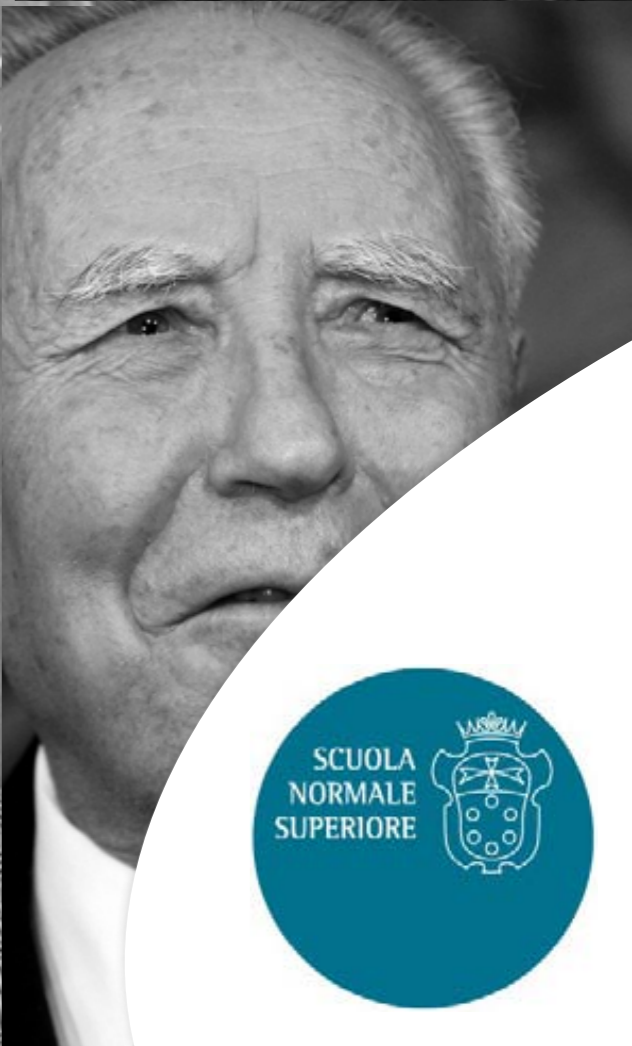
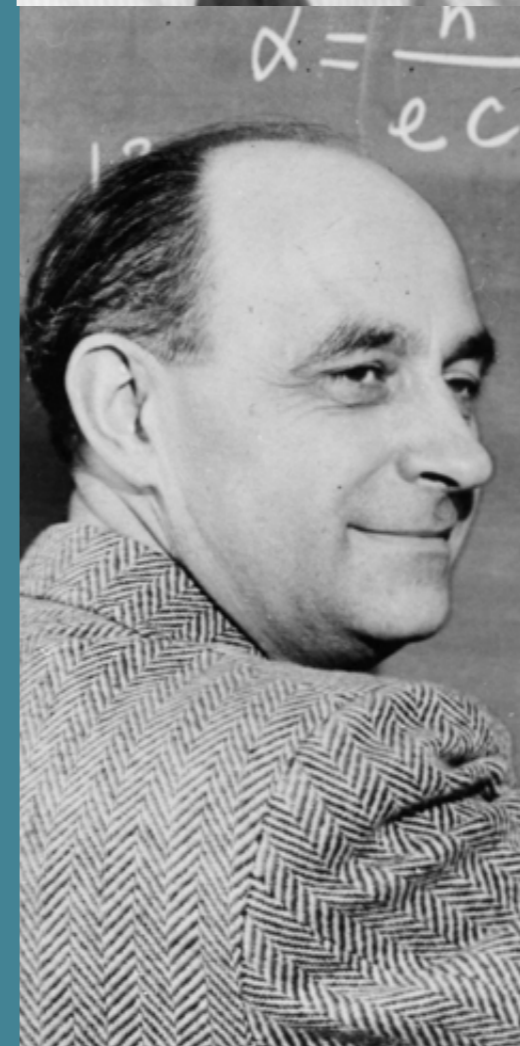
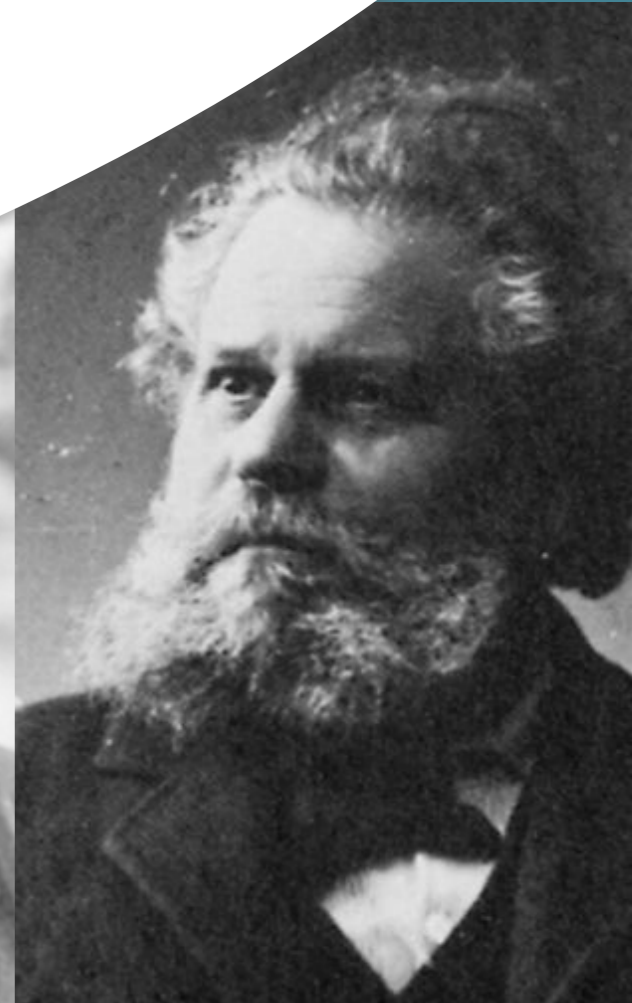
Presidents of the Italian Republic:

Giovanni Gronchi

Carlo Azeglio Ciampi

Prime Minister

Carlo Azeglio Ciampi



OUR LOCATION

TUSCANY, ITALY

70 km fast train connection

FLORENCE
since 2013

PISA
SNS historic site

SCUOLA
NORMALE
SUPERIORE

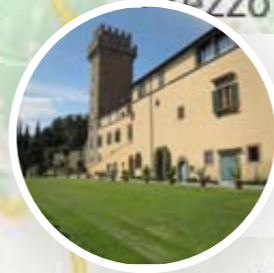


OTHER PLACES

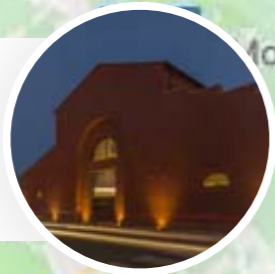
where SNS activities are carried out



San Miniato



Cortona



Follonica



Arcidosso



AN EXCELLENT UNIVERSITY

- **Highly selective** (1/20 success rate), international admission.
- **Free/granted**: enrolment fees, housing and meals at SNS.
- SNS requires very **good academic performance!**
- Students follow a **double course of study**: SNS + University of Pisa/ Florence.
- **Living in SNS's** residences is an **amazing** and diverse **experience**.
- **International**: SNS promotes exchange programmes at every level.



LEAGUE OF EXCELLENCE

Since 2018 the Scuola Normale Superiore has been **federated** with the **Sant'Anna School** of Advanced Studies of Pisa and the Institute for Advanced Studies - **IUSS** - of Pavia. The agreement provides for growing integration in the main sectors of activity (teaching, PhD, research) as well as in support services.



Sant'Anna
Scuola Universitaria Superiore Pisa



IUSS
Scuola Universitaria Superiore Pavia

LINKED TO THE WORLD

Agreements with Top Institutions for

- Exchange Programs for students
- Joint Research Programs
- Exchange programs for Faculty members

Specific agreements for Labs

- National Research Council (CNR)
- Italian Institute of Technology (IIT)
- National Institute for Astrophysics (INAF)
- Weizmann Institute - Israel
- Tokyo University
- Aalto University - Helsinki

More than 70 students mobility destinations worldwide, such as

- École Normale Supérieure
- Université de Montréal
- University of Cambridge, UK
- Tokyo University
- New York University
- Princeton University
- University of California Los Angeles



UNDERGRADUATE AND PHD COURSES

Undergraduate Courses

Bachelor's degree course (3 years,
"Laurea Triennale")

Master's degree course (2 years, "Laurea
Magistrale")

PhD Courses

Obtaining a PhD takes 3 or 4 years
depending on the discipline



PHD PROGRAMMES

SNS was the **first Italian institution** to implement a PhD programme, in 1927. Now there are Ph.D. programmes in **eleven disciplines** throughout **Mathematical and Natural Sciences, Humanities, Political and Social Sciences.** PhD Admission is based on candidates' qualifications and oral examinations. Open to candidates coming from any country.

All the PhD positions are **granted with a scholarship** which includes a housing contribution and free meals. Generous funds for **mobility and off-site research** activities are also provided.



FACULTIES

Macro Areas

- **Faculty of Humanities** (Ancient History and Classical Philology, History and Palaeography, History of Art and Archaeology, Modern Literature and Philology, Linguistics, Philosophy).
- **Faculty of Sciences** (Biology, Chemistry and Geology, Mathematics and Information Science, Physics).
- **Department of Political and Social Sciences** (Political Science and Sociology).

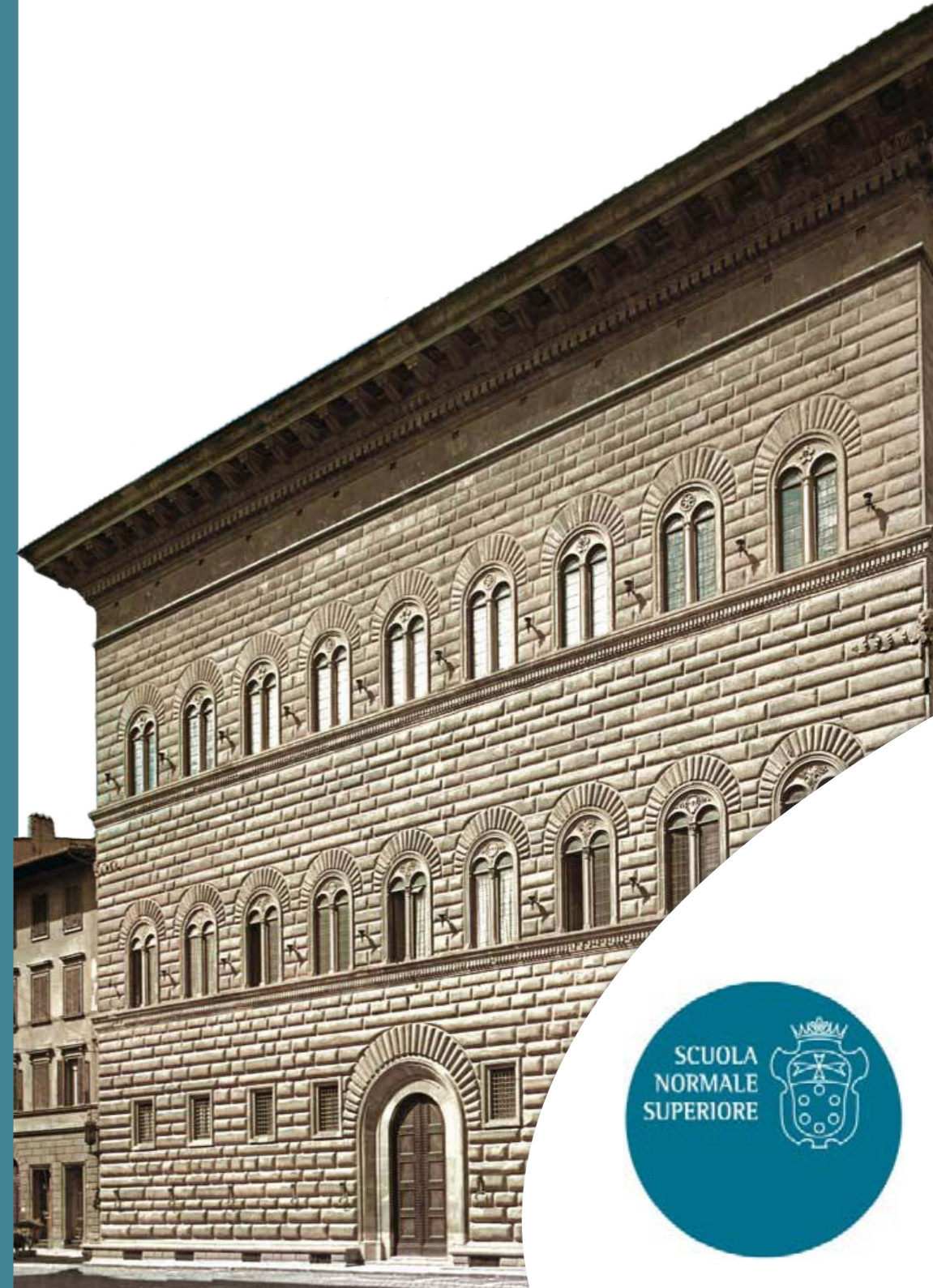


FACULTIES

the C.A. Ciampi Institute

The **Carlo Azeglio Ciampi Institute for Advanced Studies** is an institute aimed at promoting **research and teaching** strictly related, profoundly innovative, and focusing on **transdisciplinarity** and **intercultural exchange**.

The seat of the Ciampi Institute will be **Palazzo Strozzi**, in Florence.



PALAZZO VEGNI-LUCCHESINI

another SNS location in Florence

The seat of the **Department of Political and Social Sciences** will be **Palazzo Lucchesini-Vegni**, in Florence.



LABORATORIES

- **Bio@SNS**-Laboratorio di Biologia
- **Centro di Ricerca Matematica Ennio De Giorgi**
- **DocStAr**-Documentazione Storico Artistica
- **NEST**-National Enterprise for nanoScience and nanoTechnology
- **SAET**-Storia, Archeologia, Epigrafia, Tradizione dell'antico
- **SMART**-Strategie Multidisciplinari Applicate alla Ricerca e alla Tecnologia
- **STAR**-Systems and Theories for Astrochemical Research



LABORATORIES/

Bio@SNS

The focus of research at **Bio@SNS** is the study of the brain, investigating aspects of brain function and mechanisms during development, in the adult and in ageing. The research follows two main directions: the main scientific focus on Neurobiology and Neurosciences is complemented and integrated by new scientific programs investigating the molecular and cellular basis of neural development and stem cell biology, neurodegeneration and ageing.



LABORATORIES/ CRM Ennio De Giorgi

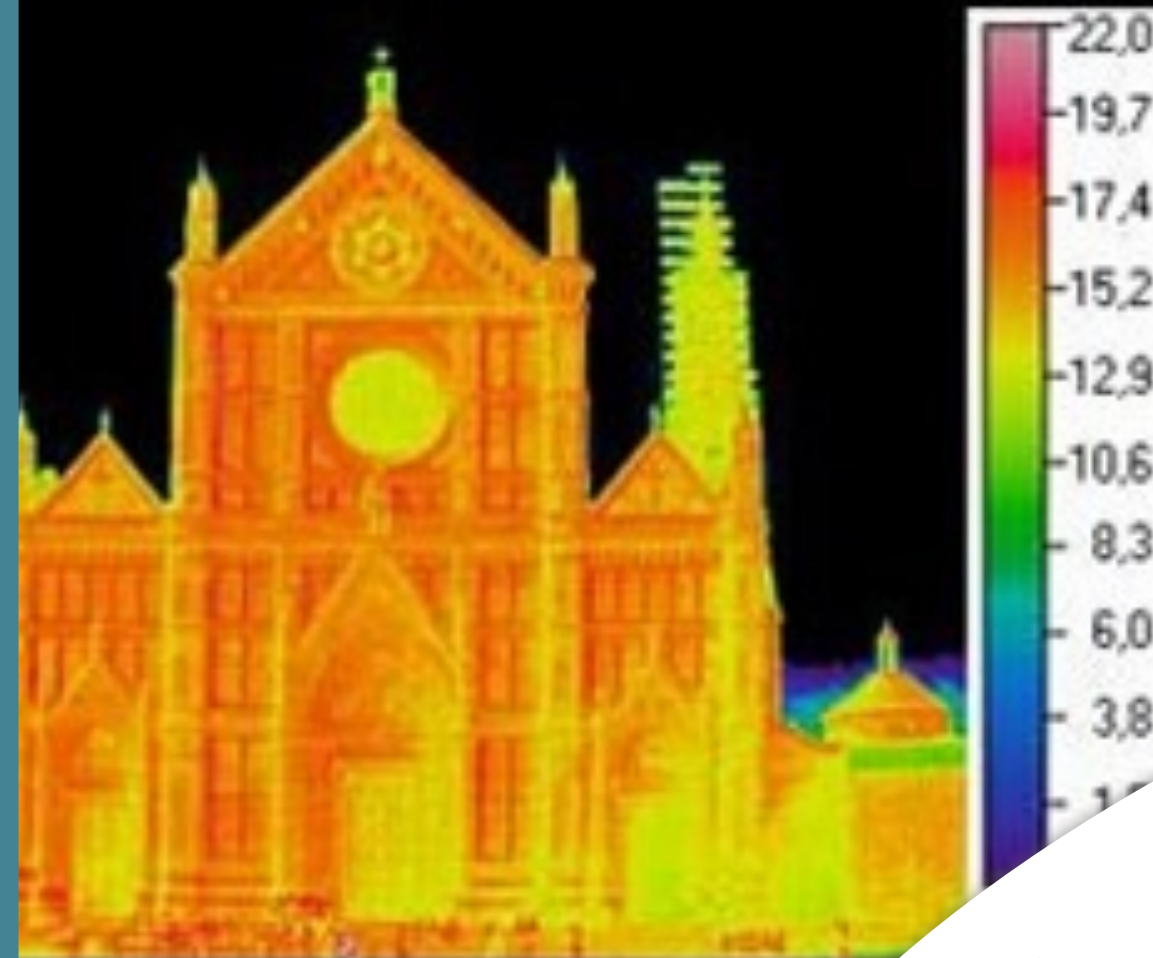
The **Centro di Ricerca Matematica Ennio De Giorgi** was established by the University of Pisa, the Scuola di Studi Superiore Sant'Anna and the Scuola Normale Superiore with the idea of gathering international researchers, focusing on research areas of particular relevance, including pure mathematics, applications in the natural and social sciences, and economics; the Center intends also to contribute to the 'cultural mathematical formation' of teachers and the public, with effective cultural programs.



LABORATORIES/

DocStAr

The **DocStAr** lab operates in the field of history of art, from classical antiquity to the contemporary age, dealing with themes and methodologies ranging from non-invasive investigations on single works to the project of digital archives of images, photographs, letters. Furthermore, the **DocStAr** lab aims to study art collections and museums, and disseminate the research also involving digital technologies.



LABORATORIES/ NEST

The **N**ational **E**nterprise for nano**S**cience and nano**T**echnology, is an interdisciplinary research and training centre where physicists, chemists and biologists investigate scientific issues at the nanoscale. This knowledge is exploited to develop innovative nanobiotechnological tools, nanoelectronic and photonic devices and architectures. The **NEST** initiative comprises four distinct institutions: Scuola Normale Superiore, Istituto Italiano di Tecnologia, Consiglio Nazionale delle Ricerche and Scuola Superiore Sant'Anna.



LABORATORIES/ SAET

The interdisciplinary structure and the synergy of experts are the key strengths of **SAET**: it has complex thematic and chronological width, agile interactions, and a formidable impact in the science and traditions of antiquity regarding systematic depth, education, and outreach. Historians, art historians, philologists, archaeologists, IT scientists and specialists in the most up-to-date technologies for cultural heritage are the scientific and technical heart of this Lab, which promotes such competence by pursuing new scientific research and broad dissemination of knowledge.



sat



LABORATORIES/ SMART

The **SMART** lab develops, validates and applies computational methodologies to study the structure and properties of complex molecular systems. The models developed at SMART are used by many researchers around the world, both in academia and industry.

SMART also hosts **DreamsLab**, where tools for immersive virtual reality are developed, allowing a better use and understanding of different types of data (molecular systems, archaeological reconstructions, reproductions of black holes and more...), both from the scientific and educational point of view.



SMART
SIS



LABORATORIES/ STAR

The Scuola Normale Superiore, the University of Bologna and the Federico II University of Naples have established the Interuniversity Center **STAR** to organize in Italy a scientific community in the field of astrochemistry. Due to its multidisciplinary character, the involvement of different kinds of expertise is required. For this reason, the **STAR** Center aims at including several Universities and Research Institutions. To further enhance its activities and its impact on the community a Doctoral School in Astrochemistry has been established.



THE LIBRARY, THE ARCHIVE

The **Library** contains **over 1,000,000** volumes, the richest open-shelf collection in Europe.

The **Archive** contains precious and unique **historical documents** and materials.



THE EDIZIONI DELLA NORMALE

The Edizioni della Normale, the international SNS publishing centre of SNS, is created to be the meeting point of scientific activity and research of the Scuola Normale Superiore. Its publications cover a wide range of subjects from the ancient world to contemporary culture, from Art to Sciences and from Philosophy to Literature.



THE DIGITAL STRATEGIES AREA

The **Digital Strategies Area** is based on the synergy of two dedicated services to offer increasingly innovative technology solutions to support research and administration:

- the infrastructure service
- the information systems service



SNS IN A NUTSHELL

Undergraduate Students: **293**

(Humanities: **143** | Sciences: **150**)

Visiting Fellows: **50**

PhD: **264**

Professors: **41**

Researchers: **44**

Post-doc: **111**

Ranked among the Top 10 Universities in
the World*

*Source: Academic Ranking of World Universities (ARWU), Jiao
Tong University of Shanghai, 2017)



DISSEMINATION OF CULTURE

- *i Concerti della Normale* (concert seasons)
- *i Venerdì della Normale* (public conferences)
- *Arte e Scienza* (transdisciplinary conferences)
- *Visions project* (outreach activities)
- *il Cinema della Normale* (film club)
- *Lincei e SNS per la scuola* (teacher training courses)
- the Opening Ceremony of the Academic Year



DISSEMINATION OF CULTURE/

i Concerti della Normale

Since 1967, the **Concerti della Normale** and music seminars have provided students and citizens alike with the opportunity to enjoy an essential part of **cultural education**: a season of **classical music** gathering together talented artists from Italy and abroad in an interweaving of traditional and contemporary works.



DISSEMINATION OF CULTURE/ i Venerdì della Normale

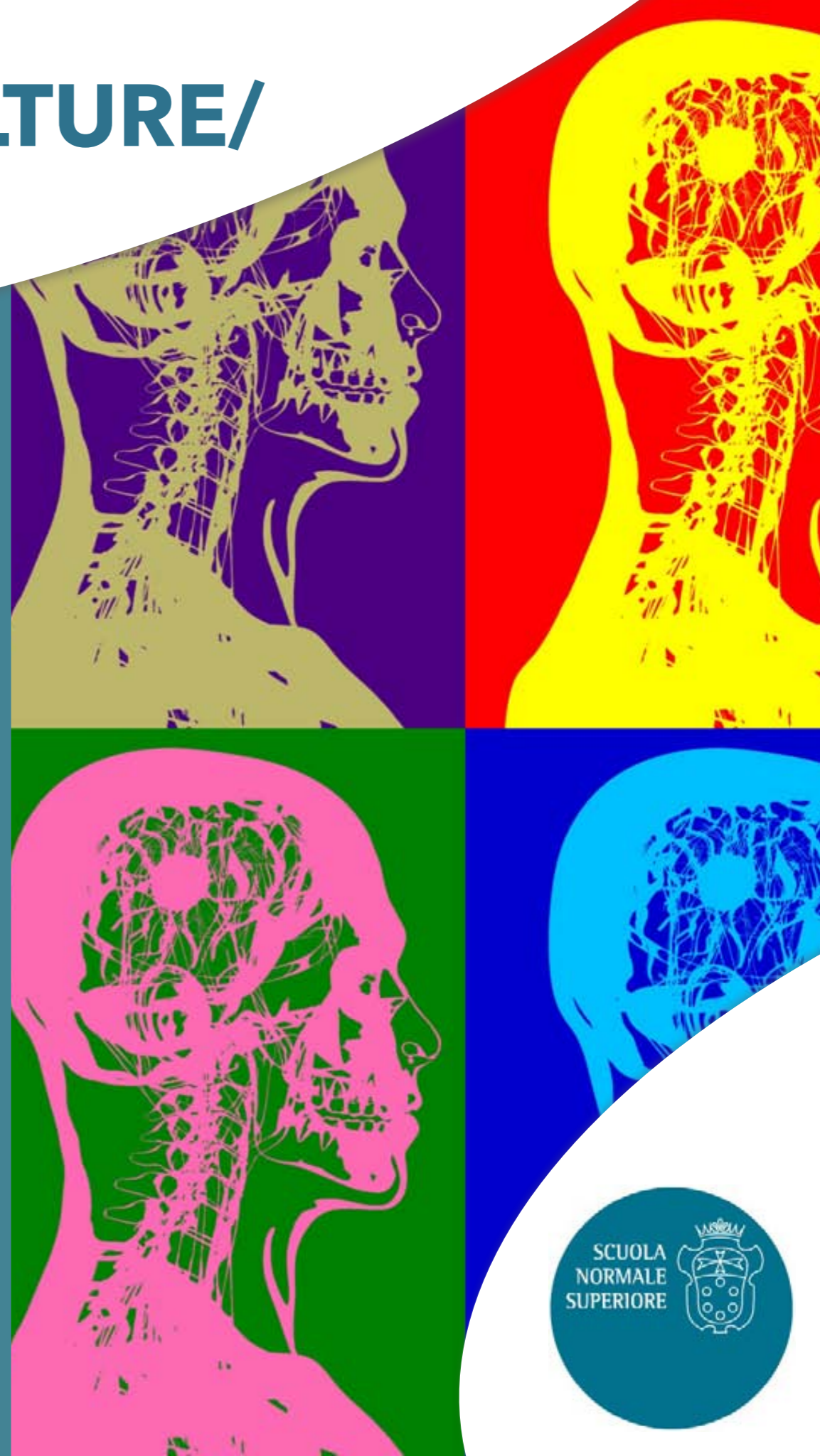
At the **Venerdì della Normale** great intellectuals, scientists, economists, politicians, and writers come together with the **students and lecturers** of the Scuola Normale and with a **broader audience**, in open discussion of currently relevant themes.



DISSEMINATION OF CULTURE/

Arte e Scienza

A series of public lectures involving personalities from the worlds of science, art, and humanities, to promote **interdisciplinary debates** on different topics. **Arte e Scienza** aims to reach a broad audience and be an important event **for the whole city**.



DISSEMINATION OF CULTURE/

Visions project

Visions is the SNS project to **disseminate** the research in the Humanities and Sciences. The programme aims to **enhance and make accessible** to a broad audience the **content, meaning and the social value** of the research, also exploiting top-notch interactive technology and featuring the CAVE 3D augmented reality system.



DISSEMINATION OF CULTURE/ il Cinema della Normale

The **Cinema della Normale** is a popular free open-air cinema event, set in **Piazza dei Cavalieri** in the summer.



DISSEMINATION OF CULTURE/

Lincei e SNS per la scuola

Since **2012** the **Scuola Normale** has been collaborating with the **Accademia dei Lincei** in this project, sponsored by the Italian Ministry of Education, University, and Research. The **Lincei e SNS per la scuola** initiative offers free and highly qualified teacher training courses in various fields and disciplines.



DISSEMINATION OF CULTURE/ the Opening Ceremony of the A.A.

The **Opening Ceremony of the Academic year** is held on **18th October**, on the occasion of the anniversary of the **Napoleonic decree** leading to the foundation of the Scuola Normale.



CHOOSING YOUR FUTURE

Since the 1960s the SNS has been organizing **orientation courses** for particularly talented students of the penultimate year of high school, both in **Italy and abroad**.

Since 2017 SNS has also been organizing orientation courses in **collaboration** with the **Sant'Anna School** and the **IUSS of Pavia**.

