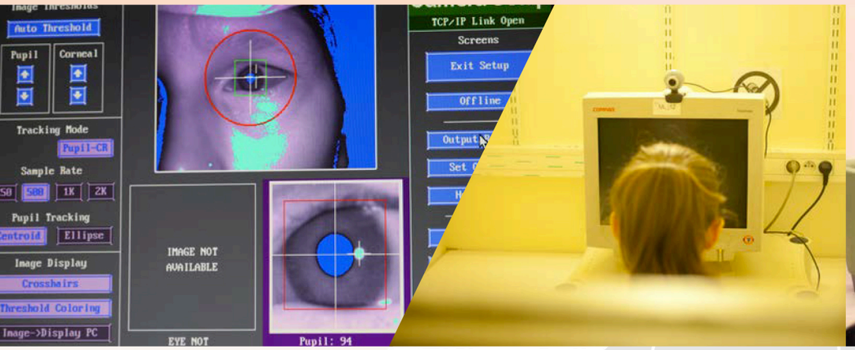
/ NEUROSCIENCE AT THE ENS

It is in a fertile and stimulating multidisciplinary environment that neuroscience research progressively developed over the last forty years at the ENS, through the growing interest of the Departments of Physics and Biology in the 1980s and the creation of the Department of Cognitive Studies in 2001.

Research in neuroscience at the ENS is performed by 200 researchers from all over the world and at various career stages who combine their knowledge of biology, physics, medicine, but also psychology and philosophy to understand how the brain - and mind - work.





/ IN PARIS, AT THE HEART OF THE QUARTIER LATIN

The ENS campus is ideally situated at the top of the Montagne Sainte-Geneviève and is a true gathering place, for Normaliens to interact with students from other Parisian schools and universities

ENS is a founding member of Paris Sciences et Lettres, and ENS students have the means to organize events with students from all PSL institutions.



1350 RESEARCHERS
29 LABORATORIES
490 PHD STUDENTS
9 LIBRARIES

14 Nobel Prizes
30 CNRS Gold Medals
13 Fields Medals

PSL

The ENS is a member of Paris Sciences et Lettres University (PSL), a research university forming a cluster of prestigious institutions, brought together by their common interests and values: the primacy of research, in itself and as a driving force in education, ambition, and innovation.

PSL provides ENS students with exceptional conditions for both study and research.

ENS | PSL

/ DEPARTMENT OF **COGNITIVE STUDIES** OF THE ÉCOLE NORMALE SUPÉRIEURE

DEC
DÉPARTEMENT D'ÉTUDES COGNITIVES

École normale supérieure
Department of cognitive studies

Head of the department: Charlotte JACQUEMOT
Deputy director: Claudia LUNGHI
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www.cognition.ens.fr
@Cognition_ENS





The DEC in a few numbers:

60 LECTURERS & RESEARCHERS

50 POSTDOCTORAL RESEARCHERS

100 PHD-STUDENTS

100 MASTERS'S STUDENTS

/A WORD FROM THE DIRECTOR

The DEC is a unique place for research and training in cognitive science. Located in the heart of Paris, this department brings together researchers and lecturer-researchers who study human behavior and the structure of human society.

The diversity of disciplines in cognitive science, psychology, philosophy, linguistics, social sciences, neuroscience, modeling, artificial intelligence, neuropsychology, is found in the DEC with laboratories attached to the field of philosophy.

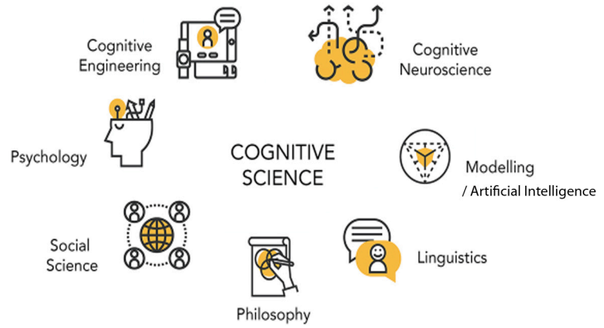
Charlotte JACQUEMOT
Director of the DEC

/ AN INTERDISCIPLINARY DEPARTMENT

Training and research at the DEC focus on mental abilities such as perception, attention, decision making, consciousness, reasoning, language, emotions, action, and social skills. Linking these abilities to their underlying psychological mechanisms and their genetic and neuronal bases is the goal of cognitive science.

More generally, cognitive science aims at understanding the complex interweaving of our species' competences and culture, in the largest sense of the word, including influence of cultural variation on humans' abilities, the development of these abilities in infancy and childhood, how they are affected in certain neurological, psychiatric, and developmental pathologies, and of course their equivalents and precursors in animals.

Cognitive science therefore draws on a wide range of disciplines, which each contribute to our scientific understanding of the human mind and can be found at DEC: experimental psychology, neuroscience, information technology, mathematical modeling, but also linguistics, philosophy, social science, and economics.



Research in these programs uses the concepts methods and techniques from a wide variety of disciplines: analytical philosophy, theoretical and experimental linguistics, anthropology, cognitive psychology, neuropsychology, neuro-economics, cognitive neuroscience, integrative neuroscience, artificial intelligence and computational neuroscience.

Experimental platforms are located at the Ecole normale supérieure, the Hôpital Mondor, and the CNIR (Neuro-platform at ICM), allow for the testing of infants, children, and both healthy and brain-lesioned adults.



/ LABORATORIES

The department is composed of 5 research units, 1service unit, 3 transversal teams.

RESEARCH UNITS

Philosophy of language, Philosophy of mind, Philosophy of cognitive science, Linguistics, Social science.
Institut Jean Nicod (IJN)
Institut | Nicod CNRS-EHESS-ENS

Cognitive and computational neuroscience.
Laboratoire de Neurosciences Cognitives & Computationnelles (LNC²)

Cognitive psychology, Developmental psychology, Psycholinguistics.
Laboratoire de Sciences Cognitives et Psycholinguistique (LSCP)

Perception, Vision, Audition.
Laboratoire des Systèmes Perceptifs (LSP)
LSP Laboratoire des systèmes perceptifs

Cognitive neuropsychology.
NeuroPsychologie Interventionnelle (NPI)
NPI neuropsi.com

TRANSVERSAL TEAMS

Theoretical and experimental linguistics.
DEC Linguistics

Evolutionary biology, social cognition.
Evolution & Social Cognition
esc evolution & social cognition

Theoretical neuroscience.
Group for Neural Theory (GNT)

SERVICE UNIT

Relais d'Information sur les Sciences de la Cognition (RISC)
RISC Relais d'Information sur les sciences de la cognition CNRS UMS 3332



/ FRONTIERS IN COGNITION

Created on January 1st, 2018 at the initiative of the Agence Nationale de la Recherche (ANR) for ten years, the PSL Frontiers in Cognition EUR project offers a rich scientific environment by relying on the ENS-PSL Departement d'Etudes Cognitives (DEC).

https://ww.psl.eu/en/front-cog

/ TRAINING

The DEC brings together training and research dedicated to the study of the mind. The DEC is home to a dense network of laboratories and research teams, making it an ideal place for an initial and complete training in cognitive science. Students are very quicly immersed in current research. The DEC follows the ENS's philosophy of «training through research» and provides students with numerous opportunities to engage in lab-based internships. The training is centered around a doctoral and graduate programme Frontiers in Cognition and a master's degree in cognitive science (Cogmaster), which it co-organizes with other Parisian research institutions.