WHO WE ARE

_The AS-AI school is organized by researchers from the Institute of Cognitive Science and Technology (ISTC) of the National Research Council (CNR) and AI2Life srl, a spin-off company of ISTC-CNR.

WHAT

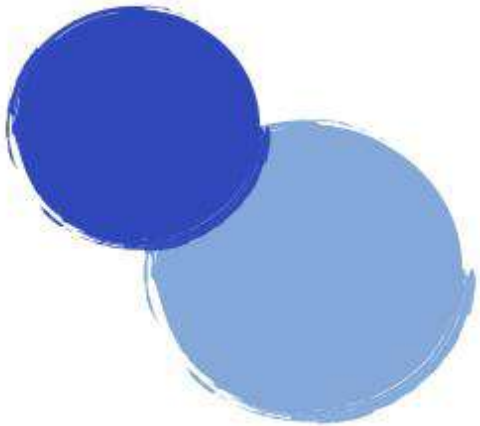
_Form an interdisciplinary network to make excellent research and high-tech applications at the intersection between artificial and natural intelligence.

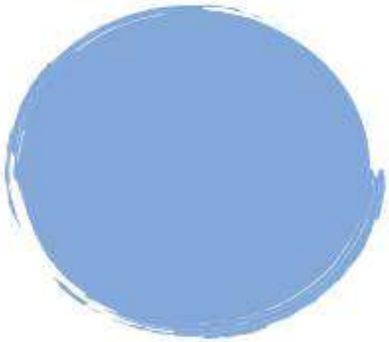
_Organise an interdisciplinary School on artificial and natural intelligence grounded on the most advanced techniques of AI, machine learning, and neural networks.

WHY

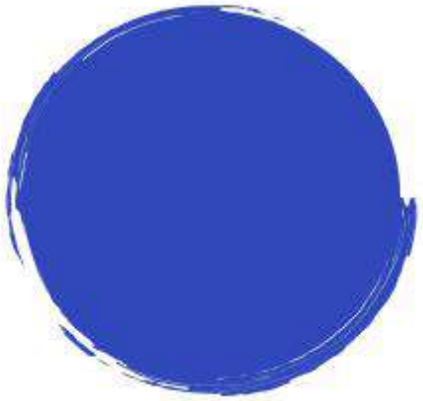
_To train the **next generation** of interdisciplinary **researchers**, **professionals** and **leaders** to address their challenging problems by applying the powerful means of computational modelling.

_To meet the fast-growing demand of the job market for new skills and competencies related to advanced fields of AI and relevant for the economy, research system, administration, and society.





INTERDISCIPLINARY RESEARCH AND APPLICATIONS ON MACHINE LEARNING, BRAIN, MIND, AND SOCIETY



Consiglio Nazionale delle Ricerche

CNR - Istituto di Scienze e Tecnologie della Cognizione

AI2Life

ADVANCED SCHOOL AI

Institute of Cognitive Sciences and Technologies (ISTC-CNR)Via Gian Domenico Romagnosi, 18/A - 00196 Roma

Tel.:+39 06 44595230 - Mob: +393938156040
Mail: info@as-ai.org

SCHOOL OPPORTUNITIES

_**CUSTOMISATION**: The learning and training path followed by each student will be **highly personalised** based on her/his project, learning needs, and interests. The curriculum is created taking into account the student's individual goals, interests and characteristics.

_**INTERDISCIPLINARITY**: The Advanced School in Artificial Intelligence offers you a unique training pathway that combines the depth of knowledge of specific disciplines with the overview and transversal skills needed to tackle the complex challenges of the real world.

_**NETWORKING**: You will not only have the opportunity to acquire a cutting-edge education in the field of AI, but also to make valuable connections that can make a decisive difference to your professional future.

The students represent a highly valuable asset from which the sponsoring Companies and Research Groups could draw talented personnel with fresh AI expertise.

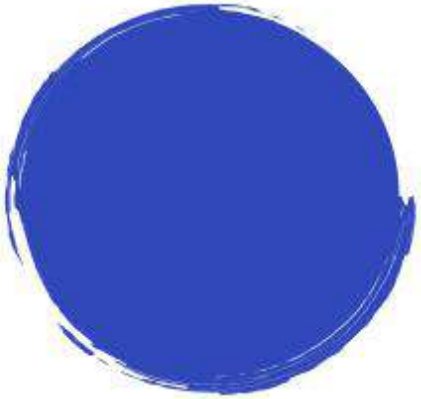
_**TIME**: The Advanced School in Artificial Intelligence is **online**, each course is recorded and you can review it whenever you want.

SCHOOL OBJECTIVES

_Understanding and learning to use advanced AI tools to solve real-life research or company challenging problems, with the teaching and mentoring of an outstanding interdisciplinary team of researchers and senior professionals.

_Understanding the functioning of the brain and how it produces behaviour in healthy and ill people, through system-level computational neuroscience and embodied computational models.

_Understanding complex social interactive systems using big data analytics, understanding the ethical and legal issues of AI and its impact on society.



SCHOOL ORGANISATION

_The School is highly interdisciplinary and **open to all university backgrounds**. It can be attended after the BA, during the MA or in synergy with its thesis. The school is **in Italian**, divided into 7 modules, with more than 25 courses. The student can choose to attend all modules (Full School) or can select among different modules to build the **personalized learning and training path** based on her/his project, learning needs, and interests. Special methodology for students with different backgrounds and preparation. 1-to-2 ratio of theory-hands on work. Highly motivating learning environment, stimulating interdisciplinary class group, rich scientific and corporate networking. **Placement objective**: company, research, PhD.

_**COST**: 4500 euros.
With **discount** possibility, in particular:

- Early registration (before June 30) 10% discount on enrollment fee (even for single selected modules);
- CNR or other academic research staff benefit from a 30% discount on the enrollment fee;
- Students or the unemployed benefit from a 40% discount on the enrollment fee, e.g., 2760 euro in total.

_**START:** October.

_**END**: March.

_**DURATION**: 5-months courses on Thursday and Friday, 09:00-18:00 (260 hours).