

## Athena' Research Center

The '[Athena' Research Center](#) is the only Research Center in the country with an exclusive focus on information technology and **applications** in all its manifestations. It operates as a private entity, under the supervision of the General Secretariat for Research and Innovation of the Ministry of Development & Investments.

It serves the Knowledge Triangle (Research – Innovation – Education) in the fields of Informatics, Communications, Digital Technologies and Computational Sciences. A wide range of areas defines the EK “Athena” framework for action: Data science and digital repositories, Machine learning and knowledge management, Digital natural language and text processing, Artificial Intelligence and decision-making systems, Cybersecurity and digital systems protection, Virtual reality and image processing, Robotics and automation, Information and distributed systems, Industrial systems and autonomous vehicles, Embedded systems, Processing and editing of digital content from different areas of human activity.

The coexistence of Research Institutes and Units, Spin-offs, Clusters of Technology Enterprises and a Competence Center creates a fertile ecosystem for the transfer of **know-how** and research results to society.

The Centre has unique elements of Excellence to demonstrate:

- Over 300 R&D projects in the last 5 years. The funding from these projects is annually 5-8 times greater than the state grant of the Centre.
- Successes in highly competitive European programs such as [ERC Synergy](#) and FET Flagship.
- 4 active spin-offs and the largest spin-off acquisition that came from the country's research fabric.
- Key participation in the 4 major international research infrastructures([CLARIN](#), [DARIAH](#), [ELIXIR](#), [INSTRUCT](#)).
- A leading role in key issues such as Knowledge Management and Open Science, achieving the establishment of the first European legal entity for Open Access issues based in Greece.
- Participation in the agenda on the hot issues of the climate crisis and the environment as coordinator of the [EIT Climate-KIC Hub](#) for Greece.
- Three knowledge-intensive clusters and international recognition of excellence in their management.

## ICCS – Institute of Communication and Computer Systems

ICCS is the oldest and largest academic Research Institute in Greece. It was founded as the research branch of the School of Electrical and Computer Engineering of the National Technical University of Athens (NTUA).

It was founded in 1989 as an independent, non profit research organisation to support the values, mission, strategic goals, and priorities of the National Technical University of Athens (NTUA). Throughout its long history, it reflects the University's commitment to excellence in scholarship, promotes the integration of research and teaching, and has significantly contributed to the country's scientific output in computational science and engineering.

Technical expertise and knowledge accumulated over the years has often been translated into innovation. The ICCS's Technology Transfer office (TTO) was founded in 2022 with an aim to efficiently integrate research results into innovation processes that aim at generating real value to the society and economy. ICCS actively supports the creation of startups and participates in successful spinoffs such as CIBOS and PhOS.

Scientific research at ICCS is organized within many cross-cutting thematic research areas such as AI and Smart Systems, Hardware and Software, Computer networks, Mobile Communications, Control and Automation, Power Production, Transport and Distribution, Energy, Transport, Climate, Biomedical and Biomechanics, Information Systems, Management and Decision Support, Photonics. At the ICCS, we conduct interdisciplinary computing research that is advancing scientific discovery and driving engineering innovation.

Seeking our research outcomes to make tangible contributions to our societies, research priorities at ICCS will pave the way to a more resilient, green, sustainable and secure future that places citizenship at its center. Research at ICCS pursues its vision responding present-day needs, opening up new networks for action, building synergies and working together with industry to offer a world-class research environment for critical inquiry and scholarly exchange.

### **CTI DIOPHANTUS**

The Computer Technology Institute and Press "Diophantus" is a research and technology organization focusing on research and development in Information and Communication Technologies (ICT). Particular emphasis is placed on education, by developing and deploying conventional and digital media in education and lifelong learning; publishing printed and electronic educational materials; administrating and managing the Greek School Network; and supporting the organization and operation of the electronic infrastructure of the Greek Ministry of Education and Religious Affairs and all educational units. Since its establishment in 1985, and in the past decades of rapid technological development, CTI has actively contributed to many of the advances that today are taken for granted.

The Computer Technology Institute and Press (CTI) was founded in 1985 as the Computer Technology Institute with headquarters in the city of Patra, Greece, as a Non Profit Private Legal Entity, supervised by the General Secretariat of Research and Technology, (Presidential Decree 9/1985).

Since 1992 CTI has been supervised by the Greek Ministry of Education and Religious Affairs as a financially, administratively and scientifically independent institution. In 2001 it was renamed as Research Academic Computer Technology Institute (Law 2909, art. 2).

Under the new law 3966/2011 its name was changed to Computer Technology Institute and Press and it was established as the technological pillar supporting CTI in education and as the publishing body of Greek school books and electronic educational materials.

CTI is also responsible for the administration of the Greek School Network, the largest user network in Greece.

According to its institutional status, it is administrated by a Chairman and 9 members of a Board of Directors. CTI's business plan follows the business ethics that govern the private sector.

The organization's successful course is credited to its executives and staff, thanks to the leading

project managers, who set the foundation in the development of a modern research Foundation in the Greek Region.

### **NCSR DEMOKRITOS**

Founded in July 1961 as a Research Centre for Nuclear Research, Demokritos is today the largest multidisciplinary Research Centre of Greece with approximately 180 Researchers in tenured and tenure-track positions and over 500 Research Personnel working in projects funded mainly by grants from State Funds, the European Union and Private Industries.

The Centre consists of five independent Institutes focusing on different scientific fields. It is governed by the Board of Directors and is supervised by the General Secretariat of Research and Innovation, which is in the Ministry of Development.

### **HELLENIC PASTEUR INSTITUTE**

Hellenic Pasteur Institute has been an institute with a significant and unique role in the areas of public health and biomedical research in Greece for almost a century (1920-2010). This historical period was characterized on one hand by dramatic changes in the political life of Greece, mainly during the first half of the 20th century and on the other hand by great scientific achievements and progress that combated major issues in public health caused by infectious diseases. The major mission of HPI since its founding has been the protection of public health. As time progressed biomedical research was developed in the areas of Microbiology, Immunology, Biochemistry and more recently Neurobiology.

The first Pasteur Institute was founded in Paris in 1888 to serve the new science of Microbiology and its applications in medicine, public health, agriculture and industry, as well as in research for the development of vaccines and serums. This was followed by the establishment of a network of Pasteur Institutes in various parts of the world, mainly in French colonies, but also in other countries.

The creation of the Hellenic Pasteur Institute comes through a series of events starting from the need to reorganize the Greek army in the early 20th century after the Greco-Turkish War of 1897. The work of this reorganization, awarded by the Greek State to send the French Army. The leader of this mission, Brigadier Eydoux, proposed in 1911 to the Ministry of Military the creation of an Institute Pasteur in Greece. This was followed by a proposal of the Health Officer in the same mission, chief doctor Odillon Arnaud, to the Prime Minister of Greece, Eleftherios Venizelos, in 1912. Venizelos supported the creation of the Institute, in the context of his social public health policy, but also in terms of strengthening the bilateral relations with France. In 1919, the project is mainly funded by Sir Basil Zaharoff, not only for the purchase of land and buildings, but also with an annual grant for the operation of the Institute until his death. On April 26, 1919 the creation of the Hellenic Pasteur Institute – Zaharoff Foundation was approved by Royal Decree by the Greek State.

Given the political will and financial support, the organization of the Institute undertaken by Albert Calmette, deputy director of the French Institute Pasteur, who was responsible for organizing the international network of Pasteur Institutes. Along with George Abt and George Blanc, he traveled to

Athens in 1920 and oversaw the founding of the Institute. In March 1920 the opening of the Hellenic Pasteur Institute takes place.

Since its establishment in 1920, Hellenic Pasteur Institute (HPI) remains faithful to its mission, which is the prevention and treatment of Diseases through Basic Research, Education and Public Health Services. The traditional focus of the Institute has been on Infectious Diseases.

Currently other diseases are also under study such as autoimmune, neurodegenerative, neuromuscular, neuroimmune and certain types of cancer.

The Hellenic Pasteur Institute (HPI) is a Legal Entity of Public Law, non-profit organization supervised by the [Ministry of Development and Investments](#) and the [Ministry of Health](#) and is functioning under the Greek law concerning Research Centres and the Bilateral Agreement (4528/2018) between the Greek Government and the [Pasteur Institute](#) in Paris.

HPI, is a member of the International Network of Pasteur Institutes and maintains strong collaborations with the Pasteur Institute in Paris and other Institutes of the Network in North and Central Africa, SE Asia, Europe and Canada. Located in the centre of Athens in private grounds covering 14,700 m<sup>2</sup> and buildings covering 6,100 m<sup>2</sup>, it provides a highly stimulating research work environment.

### **European Centre for Women and Technology**

ECWT serves as a European **single point of contact for information, collection and analysis of data, research and the development of appropriate methodological tools** to attract more girls to Science, Technology, Engineering and Mathematics (STEM), for nurturing and retaining women in the knowledge economy through industry and entrepreneurial careers, promoting the female talent to provide added value to ICT solutions, supporting more female ICT business start-ups and consolidating the largest network for closing the Digital Gender Gap in Europe.

The European Centre for Women and Technology (ECWT) is a European multi-stakeholder partnership of more than 130 organizations from all around Europe and not only. ECWT serves as a European single point of contact for information, collection and analysis of data, research, and the development of appropriate methodological tools to attract more girls to Science, Technology, Engineering and Mathematics (STEM), for nurturing and retaining women in the knowledge economy through industry and entrepreneurial careers, promoting the female talent to provide added value to ICT solutions, supporting more female ICT business start-ups and consolidating the largest network for closing the Digital Gender Gap in Europe.

After 12 years of effectively functioning in both the leading European and global arenas, ECWT has decided to alter its membership identification process and focus on the impact and contribution of participating organizations and individuals to the scope and objectives of ECWT. Rather than focusing on the legal type of the organization, our membership focus has shifted to the quality of collaboration and impacts we can achieve together with you as our collaborating partner. In line with the voice of our Members, we are also prioritizing strengthening our growing ECWT Community as the leading European platform for Women in Digital Transformation.

ECWT's unique added value is created by being endorsed by the European E-skills Association EeSA as the leading multi-stakeholder European Community for Women in Technology and Digital Transformation – Operating through National Point of Contact that themselves all multi-stakeholder

based platforms; Operating based on a common framework and in core priority areas developed by ITF and the UN GAID and finetuned with the UN Sustainable Development Goals – Having a long track record of projects with a major regional/global impact!