

BioVision Alexandria

New Life Sciences: Towards SDGs

20–22 April 2018

Guide to Partners,
Sponsors and Exhibitors





BioVisionAlexandria 2018

20–22 April 2018

Bibliotheca Alexandrina

Guide to Partners, Sponsors and Exhibitors



Dear Participants,

We are pleased to welcome you to the Bibliotheca Alexandrina (BA), the reincarnation of the famous ancient library of Alexandria and to BioVisionAlexandria 2018 which marks the ninth biennial BVA conference.

The BioVision Initiative started in 2002. Every BVA is an assembly that brings together distinguished speakers from the four corners of the globe through rich discussions that commemorate science and the finest achievements of the human intellect.

This year's conference theme "New Life Sciences: Towards SDGs" comes in line with the universal Sustainable Development Goals set by the leaders and representative of all nations at the united nations in its seventieth anniversary in 2015. These goals are globally recognized for achieving sustainability economically, socially and environmentally by 2030.

During the conference, we will go through science endeavors to meeting the challenging Sustainable Development Goals in: eradicating poverty; ensuring clean water resources and sanitation worldwide; eradicating disease and promoting public health; as well as ensuring a continuous sustained food production to eliminate hunger. Together, we will explore the active role, played by different decision makers, politicians and scientists all over the world as they commit themselves to the new sustainable development goals. Also, following last year's tradition, we will be dedicating special attention to the rapidly evolving world of Robotics and Bio Robotics in life sciences.

By the end of the conference, we hope that you find the program and the plenary talks intellectually stimulating and enjoyable. We strongly encourage you to attend all our interesting sessions for full benefit.

Thank you for coming and joining the conference, while you are attending, we hope that you make time to explore the Library including the main reading area, the museums and the exhibitions. We wish you a pleasant stay. Looking forward to receiving your positive reply at the end of the conference.

Dr. Mostafa El Feki

Director of the Bibliotheca Alexandrina

PARTNERS



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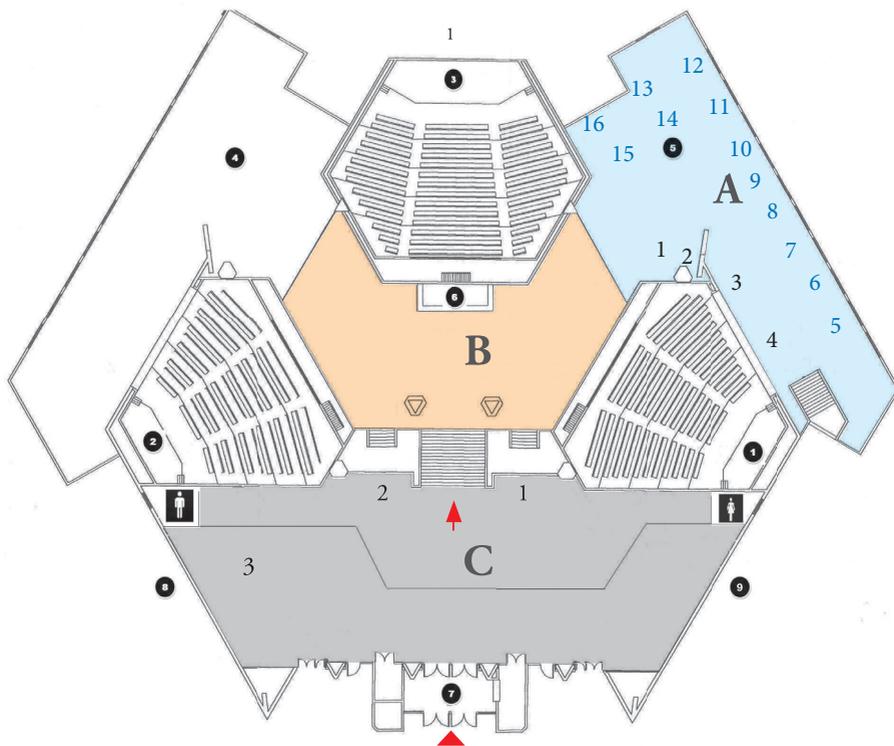
EXHIBITORS



SUPPORTERS



EXHIBITION GUIDE



- ① Lecture Hall
- ② Delegates Hall
- ③ Small Theater
- ④ East Exhibition Hall (Poster Session)
- ⑤ West Exhibition Hall
- ⑥ Registration Desk
- ⑦ Main Entrance
- ⑧ VIP Meeting Room
- ⑨ VIP Lounge



Main Entrance

European Union Delegation to Egypt	C1
German Science Center Cairo (DAAD)	C2

West Exhibition Hall

Alexandria Carbon Black (Birla Carbon Egypt)	A1
Sustainable Development Studies, Youth Capacity Building, and African Relations Support Program (LYM & YESPU)	A2
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PARTNERS

Arab Academy for Science, Technology and Maritime Transport (AASTMT)



The Arab Academy for Science, Technology and Maritime Transport is one of the specialized organizations of the League of Arab States, whose member-states are participants in the AASTMT. Since 2011, the president of the Academy has been Professor Ismail Abdel Ghafar. AASTMT has been involved in various fields of education, training, scientific research and community service since its establishment in 1972. Being a multipurpose, multitasking institution, it undertakes teaching and training designed to qualify students in all fields of knowledge, including sciences, technology, and humanities. For more than 40 years, it has made several educational, training, and research achievements in the spheres of maritime transport, engineering, and management sciences through adopting methodological applications of cutting edge technology. The Academy has thus managed to move forward from regionalism to internationalism, occupying a leading, worldwide rank in the list of educational institutions. In 2007, AASTMT was granted the ISO award, thus securing a position among the world's top six institutions in applying standardized levels in higher education.

The Academy offers its educational, training, and research services through the main campus in Abu Qir in Alexandria, Egypt, and seven other branches in Cairo, Aswan, Port Said, Alexandria and Latakia in Syria.

The major entities

- College of Maritime Transport and Technology
- College of Engineering Technology
- College of Management and Technology
- College of Computing and Information Technology
- College of International Transport and Logistics



- College of Language and Communication
- College of Fisheries Technology and Aquaculture
- Graduate School of Business
- College of Pharmacy
- College of Law

PARTNERS

BioVision, The World Life Sciences Forum



Science and technology are meaningless unless they serve society. During the past seventeen years, BioVision, the World Life Sciences Forum, has brought together scientists, industries, policymakers and NGO leaders from all over the world in an endeavour to improve the harmonious integration of progress in life sciences and biotechnology into contemporary society. BioVision is an international forum, taking place every year in Lyon, France. It aims to explain life science discoveries and discuss their societal and ethical implications with all stakeholders: scientists, industrialists, national and international policymakers and civil societies; engage key international leaders to share insights and confront their views on “global issues” related to health, nutrition and the environment: European commissioners, CEOs, directors of UN agencies and NGOs; build tomorrow’s life science community with young scientists through its BioVision.Nxt Fellowship Program; and foster discussion and collaboration between the four communities involved by offering networking opportunities during the Forum and beyond, through the Internet. One head of state, two prime ministers, 15 ministers, 35 Nobel Prize laureates, nine European commissioners, 60 CEOs or directors of large multinational groups, 20 executive directors of international organizations (WHO, FAO, UNDP, and more), 30 NGO leaders (WWF, Médecins Sans Frontières, Oxfam), and internationally recognized scientists have already participated in BioVision debates.

Additional information on BioVision can be found on www.biovision.org.



PARTNERS

Horizon 2020: The EU Framework Programme for Research and Innovation



Over the past years, researchers from both shores of the Mediterranean have been increasingly working together in collaborative projects through the various EU programs. The EU framework programs have been instrumental in pushing forward research and innovation cooperation in the EUROMED region. About 580 public and private entities from the South Mediterranean participated in FP7. During the past three years, cooperation continued under the new EU program, Horizon 2020 (H2020). H2020 is the largest and most open research and innovation program in the world and is the main instrument for the EU that supports Research and Innovation in Europe. This instrument amounting to close to EUR 80 billion is open for global engagement and academic institutions and research centers currently benefit from it. The program has a coherent set of funding instruments and practical support along the entire innovation chain, from basic research to close-to-market actions. The Southern Mediterranean has been targeted as a partner for cooperation in the H2020 work programs, with topics encouraging cooperation in areas such as research infrastructures, road transport, water technologies or raw materials, blue growth and science diplomacy. Currently, under H2020, more than 100 projects are running with participation from South Mediterranean partner countries.

For further information about

EU Research and Innovation International cooperation with Mediterranean Partners:

http://ec.europa.eu/research/iscp/index.cfm?pg=med_partH2020

Participants Portal:

<http://ec.europa.eu/research/participants/portal/desktop/en/home.html>



PARTNERS

Pharco



Pharco Corporation is one of the major players in the pharmaceutical industry in Egypt and the Middle East. The company offers a vast range of pharmaceutical and non pharmaceutical products that make a difference to millions of people.

Pharco's contribution to the improvement of healthcare has been significant in the last few years, but there is more we would like to accomplish in the near future.

Pharco's goal is to build an independent and leading pharmaceutical industry by searching for and collaborating with national scientists and researchers as strategic partners to assist in bringing novel products to the market at reasonable prices. By applying cutting-edge scientific tools to find new uses for existing products, by meeting customer needs and by recruiting the best workforce candidates in the industry, we seek to become a true partner in global healthcare.

Pharco Corporation works to stay close to its customers all over the world and to understand the requirements of their varied businesses. Pharco Corporation is headquartered in Alexandria, Egypt.

PARTNERS

The World Academy of Sciences for the Advancement of Science in Developing Countries (TWAS)



TWAS was founded in 1983 by a distinguished group of scientists under the leadership of Abdus Salam, the Pakistani physicist and Noble laureate. From the start, its mission has focused on supporting and promoting excellence in scientific research in the developing world and applying research to address global challenges. Today, the Academy has more than 1,200 elected Fellows from nearly 100 countries; 14 of them are Nobel laureates. About 85% come from developing nations, and the remaining are scientists and engineers from the developed world whose work has had a significant impact on the South. In addition, the Academy has nearly 100 early-career scientists serving five-year terms as Young Affiliates.

TWAS and its partners offer some 500 fellowships per year to scientists in the developing world who want to pursue PhDs and post-doctoral research. The Academy distributes more than USD 1 million in research grants every year to individual scientists and research groups. TWAS prizes and awards are among the most prestigious offered for scientific work in the developing world. The Academy supports several visiting scientist programs.

TWAS convenes annually in a major international science meeting that explores new research and celebrates the accomplishments of scientists and engineers in the developing world. The TWAS Council, elected by members, sets the Academy's broad policy and programmatic direction. The Secretariat is headed by an executive director and is located on the campus of the Abdus Salam International Center for Theoretical Physics (ICTP) in Trieste. TWAS's five regional offices are located in Alexandria, Egypt; Rio de Janeiro, Brazil; Beijing, China; Pretoria, South Africa; and Bangalore, India.



TWAS hosts two affiliated international organisations in Trieste: the Organization for Women in Science for the Developing World, with more than 6,000 members; and the InterAcademy Partnership, which serves as the voice for over 130 national and regional science and medical academies. TWAS also hosts GenderInSITE, an international initiative to demonstrate how applying a gender lens to science, innovation, technology and engineering can improve policy and programs for development.

Italian scientific and political leaders have provided sustained support to TWAS since its founding. The Swedish International Development Cooperation Agency provides essential programmatic support. The Bibliotheca Alexandrina in Egypt has for many years supported the Academy's Arab Regional Office; the Kuwait Foundation for the Advancement of Sciences also supports the Arab Regional Office and provides key support for TWAS communication activities. Under a 1991 agreement, the United Nations Educational, Scientific and Cultural Organization (UNESCO) assumed administration of TWAS funds and personnel.

For more information, please visit www.twas.org.

KNOWLEDGE PARTNER

Egyptian Knowledge Bank



Egyptian Knowledge Bank
بنك المعرفة المصري

The Egyptian Knowledge Bank initiative was launched in January 2016 as one of the most important knowledge projects in the history of contemporary Egypt and the world. The Egyptian Knowledge Bank aims to support the knowledge society as one of the most important pillars of development. It has a main gateway to provide information, free of charge, to all Egyptians in the Republic, as well as portals for the production and publication of periodicals in local Egyptian conferences according to global specifications. Also included are hundreds of public and specialized workshops, held almost daily in all parts of the Arab Republic of Egypt and given by the best experts in various fields.

The Egyptian Knowledge Bank is the technical partner of the Ministry of Higher Education and Scientific Research, in a national project to promote the classification of Egyptian universities through the best experts and specialized centers in this field. The Egyptian Knowledge Bank is also the technical partner of the Military Medical Academy in the adoption of a medical education program in cooperation with medical colleges in the Republic. The Egyptian Knowledge Bank, in collaboration with the Ministry of Health, will train the directors of health Insurance hospitals on the new health insurance law and on modern management methods.

The Egyptian Knowledge Bank, in collaboration with the Ministry of Education and Technical Education, is preparing an ambitious system for managing the educational process through a unified platform to enrich the current curriculum, and support teachers in line with the latest international systems in management, education and evaluation.



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Clusters of Scientific Innovation in the Middle East and North Africa (COSIMENA)



Our Mission

Clusters of Scientific Innovation in the Middle East and North Africa (COSIMENA) provides clusters for regional exchange in various fields of science, technology and research, which aim to deepen the cooperation and partnership between Germany and countries of the Middle East and North Africa. Common global challenges such as climate change, population growth or water scarcity require innovative scientific ideas and solutions. Therefore, COSIMENA aims to foster scientific collaboration by bringing together experts from academic institutions, researchers and focal points of the industry and the government. Young scientists, specifically, are promoted and supported through networking opportunities. Based on the positive outcomes of the Water Cluster invented in 2015, the COSIMENA activities lay primarily in the fields of water, health, urbanism, energy and economy, and since 2017 also on cultural heritage and agriculture.

Our Activities

COSIMENA organises interdisciplinary events on current issues in science and innovation such as workshops, conferences, roundtable discussions, the German Science Day, the COSIMENA Science Night and summer schools. The focus of our activities lay primarily in the fields of water, health, urbanism, energy and economy. Furthermore, COSIMENA offers information and reference materials on German research and development, as well as up-to-date research news from Germany and countries of the Middle East and North Africa.

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German Academic Exchange Service (DAAD)

DAAD

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The German Academic Exchange Service (DAAD) promotes international exchange of students and scientists. In fact, it is the world's largest organization focusing on financing scientific mobility. As an association of German universities, DAAD represents 231 German universities and higher education institutions, with over 500 representatives in nearly 100 countries.

The Cairo branch offers consultation on scholarships and funding possibilities and also holds various scientific activities and events, such as lectures and conferences. Whatever concerns you, a scholarship, an interesting lecture or just general information about life in Egypt.

The DAAD Cairo Office is located on the Nile Island Zamalek in the heart of Cairo. Since 1960, the German Academic Exchange Service has a branch in Egypt and thus offers its services there for more than 55 years. Not only students, researchers and scientists profit from its advisory and consultant services, but also cultural interested travelers and locals often drop by.



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Springer Nature



Springer Nature is committed to providing the best quality content through a range of innovative product and services for the research, education and professional communities. We are home to a family of brands, businesses, and imprints that include some of the most famous names in academic, education and professional publishing.

Springer Nature advances discovery by publishing robust and insightful research, supporting the development of new areas of knowledge and making ideas and information accessible around the world.

The key to this is our ability to provide the best possible service to the whole research community: helping authors share their discoveries; enabling researchers to find, access and understand the work of others; supporting librarians and institutions with innovations in technology and data; providing quality publishing support to societies; and championing the issues that matter—standing up for science, leading the way on open access and being powerful advocates for the highest quality and ethical standards in research.

As a research publisher, Springer Nature is home to trusted brands including Springer, Nature Research, BioMed Central, Palgrave Macmillan and Scientific American.

For more information, please visit <https://group.springernature.com>.



Nature Research

Nature Research is the home of high impact scientific and medical information in print and online. The Nature Research portfolio includes journals, online databases and services across the life, physical, chemical and applied sciences and clinical medicine.

Nature Research Institutional Partnerships enables you to benefit from our editorial and communication expertise and reach a global audience of scientists, consumers and opinion-leaders leveraging the resources of Nature journals, Nature.com and Scientific American.

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- Promote your achievements
- Maximize the impact of your research

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For Science

For Science (forscience.com) is the new, freely-accessible, online-only, Arabic-edition of *Scientific American* magazine. *For Science* provides its readers across the Arabic-speaking world with the latest science news of both regional and global significance. Through breaking news items, feature articles, opinion pieces, slideshows, videos and podcasts, *For Science* delivers authoritative coverage of the latest developments from the worlds of science, technology and biomedicine, as well as providing a platform for the most influential thinkers from the region.



SPONSORS

SILVER

Academy for Scientific Research and Technology (ASRT)



The Academy for Scientific Research and Technology (ASRT) is a governmental national entity that was established in 1971.

Its vision: “The ASRT is an effective and reliable national academy for the service of national STI systems and socioeconomic development programs”.

Its mission is to create an encouraging environment for STI systems and to maximize the outcomes of scientific research.

The ASRT is a member of a number of distinguished international organizations and institutions, such as IAP, ICSU, WIPO, ICGEB, IIASA, NAM and Fasrc.

As a national think tank and house of expertise, the ASRT is involved in strategic planning, deliberating the country’s problems, proposing solutions, and carrying out future and strategic studies and technological roadmaps.

The ASRT is involved in capacity building and continuing education, through such programs as “Children’s University”, “Scientists for Next Generations”, “Young Academy”, “JESOR Development”, and contributions to graduation projects.

The ASRT provides national STI with central core facilities, such as scientific publishing, internationalization of local journals, a digital library, ENSTINET, GLORIAD and super computing. It is also an innovation and technology development platform in Egypt with its affiliate specialized units, which include the Egyptian Patent Office, 28 Technology and Innovation Commercialization Offices (TICOs) and regional STI incubators, technology transfer, and localization.

One of its achievements is the simplification of science and scientific culture through different media, including the “Science Explainers” program, publishing scientific books and science magazines, TV programs, translations, exhibitions, conferences, etc. Furthermore, the ASRT provides funding to national multidisciplinary and multi-institutional applied projects, initiatives, campaigns, social studies and surveys, research networks and converging sciences. It also hosts the Egyptian Science, Technology and Innovation Observatory.

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Lipton



In 1880, 40-year-old, Glasgow-born entrepreneur and innovator Sir Thomas Lipton envisioned an opportunity to make a quality tea that was universally accessible, at a reasonable price.

He began by purchasing tea estates in Ceylon, now Sri Lanka, and arranged packaging and shipping at low costs to sell his teas directly from the tea garden to the teapot. In 1893, he established the Thomas J Lipton Co., a tea packing company with its headquarters and factory in Hoboken, New Jersey.

Building on the experience of over a century in growing and blending tea, Lipton® has kept alive Sir Thomas's love of innovation and quality. Unsurprisingly, Lipton® produces the world's number one tea today that brings you invigorating, uplifting and pleasurable tea drinking experiences. Drink Positive.



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BRONZE

Aditya Birla



Alexandria Carbon Black (Birla Carbon Egypt) is a part of Birla Carbon, the world's largest manufacturer and supplier of Carbon Black, operating in Asia, Europe, Africa and Americas.

Alexandria Carbon Black (ACB) started operations in 1994, and produces various grades of Carbon Black to meet the specific end requirements including rubber, plastics, coatings, inks and other niche industries globally. An investment of US\$ 420 million was made in Egypt, with production capacity of 285,000 MT per annum. ACB is one of the top 10 exporting companies in the sector of Chemicals & Fertilizer, since 90% of the production is exported to Europe, after meeting all local requirements.

Besides producing Carbon Black, the Company produces electricity and steam which fulfills its requirements in the production process and exports the surplus to the national electricity grid and neighboring companies.

ACB's environmental protection has been, and will always remain one of the Company priorities from the inside and outside, for the purpose of reinforcing the environmental protection procedures and relieving the effect of industrial activities in the area, several environmental projects have been executed successfully. ACB applies the latest technological systems for environmental protection and monitoring over 24 hours to achieve the best levels of protection and monitoring with high accuracy.

ACB's community investment strategy focuses on delivering long-term socio-economic benefits for communities, focusing on health, education and social investment. We support the development of sustainable local economics through skills and capacity building, providing communities with reliable infrastructure and help establish effective governance mechanisms.

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Academy of Science of South Africa (ASSAf)



ASSAf aspires to be the apex organization for science and scholarship in South Africa, recognized and connected both nationally and internationally. Through its membership which represents the collective voice of the most active scholars in all fields of scholarly enquiry, ASSAf aims to generate evidence-based solutions to national problems. ASSAf has a dual role: to honor distinguished scholars through election to Membership of the Academy, and to provide scientific advice to the government and other stakeholders on critical national and global issues. As part of their activities, ASSAf manages the African Open Science Platform (AOSP), a three year project for Africans by Africans. The project is funded by the Department of Science and Technology. The aim of this project is to spread awareness and advocate for African countries to develop open science and open data policies, establish the required information and communications technology infrastructure to accommodate data sharing and management, better understand how to incentivise researchers prepared to share research data, and build capacity across all sectors to generate more high quality trusted research data to address the 2030 Sustainable Development Goals (SDGs).

ASSAf hosts The World Academy of Sciences Regional Office for sub-Saharan Africa (TWAS-ROSSA). These regional office facilitates create awareness, promote and profile TWAS activities in the region. TWAS-ROSSA enhances the visibility of TWAS among scientists and stakeholders; identifies eminent scientists in the region for nominations for TWAS membership and affiliate-ship; assesses the vitality and effectiveness of TWAS activities in the region; and organises activities in areas of science and technology that are of critical importance aligned with the SDGs.

For more information, please visit:

<http://africanopenscience.org.za>

www.assaf.org.za

www.twas-rossa.org.za



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Egypt-Japan University of Science and Technology (E-JUST)



Egypt-Japan University of Science and Technology (E-JUST) is a research university with the goal to cultivate an academic environment and to become a benchmark for the Egyptian and African countries in education. It was first established as a bilateral agreement project between the Egyptian and Japanese governments in May 2009. Later in 2010, it was ready to accept its first batch of students and make the dream a reality.

Both governments have a strong relation where they both divide the cooperation cohesively to ensure positive results. The Japan International Cooperation Agency (JICA) fully supports E-JUST by sending their administrative and academic experts for assisting and guiding in the technical and management systems of the university, in addition to sending academic experts from the Japanese Supporting University Consortium (JSUC) to support in teaching, conduct joint research and co-supervise the graduate students. In addition to providing high level technology of machines, equipment and tools for research purposes. As for the Egyptian government, it fully runs the university financially and is administered by Egyptian members for both the academic and administrative staff.

All decisions that govern the university are taken through its Board of Trustees (BoT) members who consist of 15 prominent figures from Egypt and Japan. They represent stakeholders from the government, academic and industrial fields from both countries.

Academic Program

EJUST currently accepts students who wish to continue their studies for Master's (MSc) or Doctor of Philosophy (PhD) in three different schools specialized in 8 different departments in the field of Engineering. These schools are:

Electronics, Communications and Computer Engineering (ECE School)

- Electronics and Communications Engineering (ECE)
- Computer Science and Engineering (CSE)

Innovative Design Engineering (IDE School)

- Industrial Engineering and Management Systems (IEM)
- Materials Science and Engineering (MSE)
- Mechatronics and Robotics Engineering (MTR)

Energy, Environment and Process Engineering (EEC School)

- Energy Resources Engineering (ERE)
- Chemicals and Petrochemicals Engineering (CPE)
- Environmental Engineering (ENV)

Institute of Basic and Applied Sciences

- Nanoscience
- Biotechnology
- Applied and Computational Mathematics (ACM)
- Energy Materials

Faculty of International Business and Humanities

- School of International Business (BIS)
- School of Humanities (SoH)

E-JUST Study in Japan Programs

E-JUST, in cooperation with the Ministry of Higher Education (MOHE) in Egypt and the Japanese Supporting University Consortium (JSUC), prepared a program for PhD students to have an opportunity to study and conduct their research in Japanese with its partner universities for the period of 69 months.



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Zewail City of Science and Technology



Zewail City of Science and Technology, with its five constituents: the University of Science and Technology, the Research Institutes, the Technology Pyramid, the Academy and the Center for Strategic Studies is designed to bring about effective participation in 21st century science, to elevate local technologies to an international level and to increase national productivity. We aim to contribute to building a knowledge-based society, founded on creative thinking through providing a merit-based education and engaging with the public at large and integrating the challenge of a rigorous academic study, with the spirit of collaborative work and scientific discoveries.

EXHIBITORS

Bibliotheca Alexandrina Information for Africa (BAIFA)



Bibliotheca Alexandrina Information for Africa (BAIFA) is an information service that works on promoting research and enhancing the role of information services for African countries in order to establish an innovative approach to professional development and launch a platform for sharing experiences among peers and experts. BAIFA provides access to the world's latest scholarly literature, top-quality research and capacity-building resources. It also offers full access to two of Elsevier's databases (ScienceDirect and Scopus) for eligible researchers and research institutions, free access to a large number of e-resources on diverse themes, such as culture, knowledge transfer, decentralization and local governance, health and sustainable economic development, along with a diverse training program, including information literacy and library professional development courses in collaboration with BAIFA partners, libraries and peer organizations. Through BAIFA, the BA is capitalizing on a former effort started by the Royal Tropical Institute of the Netherlands (KIT) together with Elsevier based on two memoranda of understanding signed by the both of them. These two memoranda serve the best interest of researchers and research institutions in African less-developed and low-income countries.



EXHIBITORS

Center for Special Studies and Programs (CSSP)



The Center for Special Studies and Programs (CSSP) is one of ten academic research centers associated to the Bibliotheca Alexandrina, the New Library of Alexandria. CSSP's main aim is to propagate and encourage scientific research and networking in a variety of ways through delivering various highly significant scientific events throughout the year that tackle the latest discoveries in different fields and their benefits to humanity. Building on the needs of developing countries, the CSSP places special focus on life science and youth. Additionally, it acts as a regional office for a number of international scientific organizations that are dedicated to building scientific excellence across the developing world and to present a strong contribution in the promotion of science and technology. One of CSSP's annual activities is the Visiting Scholar Program (VSP) that invites scholars from around the globe to disseminate and exchange knowledge with other scholars, researchers, and students working in the same field of their expertise. The invited scholars also participate as speakers in lectures, workshops, or seminars that are in progress, where they can provide a cross-cultural or international perspective, as well as facilitate the initiation of exchange programs between their institutions and the BA. Every year, the CSSP provides funding to a selected number of young Egyptian postdoctoral researchers through the BA/CSSP Research Grants program and offers them a grant to support their researches. Additionally, it establishes connections and contacts with both local and international scientists and researchers in an endeavor to keep them updated with recent research on the global level. Within its framework of encouraging youth to interact within their communities and to solve their encountered problems, the BA/CSSP Micro Research Grants program introduces a sustainable culture of invention to schools and communities with the aim of empowering students to explore their interests in science, technology, engineering and math during high school.

Website: <http://www.bibalex.org/cssp>

EXHIBITORS

Bibliotheca Alexandrina Depository Library



In 1994, the United Nations announced the designation of the Bibliotheca Alexandrina to be one of the UN publication depository libraries in Egypt. Since then, it has been receiving UN publications it has been receiving UN publications in parallel with the other five UN depository libraries in Egypt.

F2 Level was appointed to become the service point for the UN collections. The collections were sorted according to different UN entities and in accordance with their call numbers. These collections started to meet an escalating demand for more reliable data (reproduced by an authenticated source) by different segments of scholars and researchers. The UN entities data was the key to serve those segments through various printed formats (statistical reports, annuals, conferences proceedings, etc.).

Besides, a series of other international and domestic agreements were signed; some of them were:

- UNDP (2016)
- UN Women (2014)
- OECD (2013)
- Information and Decision Support Center (IDSC) (2008)
- UNICEF (2008)
- Signing ceremony between USAID (Takamol project) and the Johns Hopkins University (2007)
- World Food Programme (2007)
- World Bank Public Information Center (2003)
- UN and EU (1994).

Depositor Organizations at the Bibliotheca Alexandrina Depository Library Are

- The United Nations (UN)
- The UN is made up of a variety of organizational entities (agencies,



organizations, commissions, programs, funds, etc). Each entity has a distinct and separate mandate (covering the political, economic, social, scientific and technical fields). From the UN organizational chart, the BA is a deposit for:

- * The United Nations main organs: General Assembly, Security Council, Economic and Social Council, International Court of Justice, Secretariat and Trusteeship.
 - * UN commissions: ESCWA, ECA, ECE, ECLAC, ESCAP.
 - * UN departments: DDA, OLA, DESA, DPI, DPA, ODC.
 - * Specialized agencies: FAO, WB, ILO, IMO, UNESCO, WHO, IMF, WIPO, IFAD, WTO.
 - * UN entities: UNDP, UNEP, UNICEF, UNCTAD, UNIDIR, UNRISD, OHCHR, UNAIDS, UNU, UN-Habitat.
- The European Union.
 - The Economic Research Forum, the Stock Exchange and the Arab League. We receive also publications from IDSC (Information and Decision Support Center).

DL Resources

Collection Overview

The Depository Collection is an information center focusing on the United Nations (UN), the European Union (EU), their agencies, and other government and International agencies. It is located in the Main Reading Hall on F2 level. The primary objectives of this Information Center are to:

- 1- Acquire, organize and disseminate the publications of the various governmental/International bodies represented, and their constituent and related organizations.
- 2- Provide reference and information services on the history, activities, structure and publications of the organizations highlighted within the Deposited Collection.

The first of these objectives is met through the collection development activities of the depository. The second is met by the depository public services activities.

The Collection is extensive and covers all types of publications of UN, EU, and other international/government organizations. The print collection contains books, journals and other periodicals (such as yearbooks and annual reports), brochures, etc. Printed material is searchable through the BA catalog. The depository also provides access to all available official governmental electronic resources, through the use of computer terminals located anywhere in the Main Reading Hall. The collection also holds an assortment of officially issued audiovisual materials, located in the Arts and Multimedia Library, B3 level.

Printed Collection/BA Catalogue

Most of the Depository collection is located in the open access, and few of them in the closed stacks; available in three languages: Arabic, English and French. Open Access Depository Collections are available in the Main Library on F2 level, and are used freely by the patrons.

Depository collection subject coverage

- Living standards
- Narcotic drugs
- Peace
- Peaceful uses of atomic energy
- Population
- Poverty
- Press freedom and communication
- Protection of cultural heritage
- Refugees
- Safety of air and marine transport
- Security
- Self-government
- Statistics
- Status of women
- Sustainable economic growth
- Consolidation of new democracies
- Crime prevention
- Development (economic, social and cultural)
- Disarmament
- Education
- Environment (acid, rain, climate change, marine pollution)
- Financial stability
- Food security
- Globalization
- Health
- Human rights
- Industrial advancement
- Intellectual property (copyrights, trademarks, industrial designs and patents)



- Telecommunications
- Terrorism
- Working conditions and employment opportunities
- International law
- International monetary cooperation

Printed materials are classified by the BA according to the Dewey Decimal Classification (DDC) and are searchable through the BA online catalogue. The print collection contains books, references (yearbooks, annual reports, atlases and guides) which provide accurate statistical information and state-of-the-art of a theme, and periodicals organized in a special section.

Photocopying is permitted to 20% of the document. For more assistance, patrons can consult the Depository librarian at F2 level Reference Desk.

Electronic Collection

In compliance with the Bibliotheca Alexandrina objective, to continue being a leading institute of the digital age, the Depository Library provides public access to a number of UN electronic databases available on all the terminals in the reading area in the electronic resources page. Through the Depository Library Electronic Resources; patrons are able to access, download, and print up-to-date statistical information and full text reports.

Databases provide statistical information regarding all countries of the world, e-books, and UN official documents.

List of available electronic databases

United Nations Treaty Collection

United Nations Treaty Collection provides multiple databases that either index or search the complete collection of bilateral and multilateral Treaties registered with and published by the Office of the UN Secretary-General.

Official Document System of the United Nations

Official Document System (ODS) covers all types of official United Nations documentation, beginning 1993. ODS also provides access to the Resolutions of the General Assembly, Security Council, Economic and Social Council and the Trusteeship Council from 1946 onwards. The documents and official records are stored in the United Nations official languages.

World Bank e-Library

World Bank e-Library allows patrons to access the World Bank Publications entire output since April 2000 in addition to all new documents. The World Bank e-Library is an electronic portal to the World Bank full-text collection of books, reports, and other documents, which contains over 3,500 items.

World Development Indicators Online

The World Bank Indicators (WDI) is the World Bank's comprehensive database on global economy, from 1960 to date. Data includes social, economic, financial, natural resources, and environmental indicators. Results can be scaled, indexed for a particular year, viewed by percentage change, and charted.

Global Development Finance Online

Global Development Finance is the World Bank's annual assessment of global financial conditions facing emerging markets. The database covers external debt stocks and flows, debt restructuring, and scheduled debt service projections, 1970-2013. Results can be scaled, indexed for a particular year, viewed by percentage change and charted.

United Nations Statistical Databases

These Statistical Databases provide statistical information, reports regarding commercial goods, exports and imports for more than 140 countries, in addition to other regular economic and social statistics, such as Monthly Statistics Review, UN Common Database online, Commodity Price Bulletin and UN Comtrade.

United Nations Conference on Trade and Development (UNCTADstat)

It is the UN focal point for the integrated treatment of trade and development, and the interrelated issues in the areas of finance, technology, investment, and sustainable development. It also compiles and validates a wide range of data collected from national and international sources.

Subjects: International Trade, Population and Labour Force, Economy and Transport.



EXHIBITORS

Bibliotheca Alexandrina Main Library



The Main Library, considered the largest reading area worldwide, is a learning space that offers information in all its formats, through its collections of books, periodicals, maps, theses and electronic resources; and most importantly, its customized services to its users: students, researchers, the general public and the disabled. The Main Library offers reference services in person, by phone, by email and via Facebook; bibliographies and subject guides; reproduction services and Library orientation tours. Researchers can request articles from electronic database by email, or they can ask for a research appointment with a specialized librarian. As for the general public, the Main Library offers various reading and awareness activities, including play and poetry readings, contests, simulation models and workshops on numerous subjects. Recently, the Main Library started a special program for the deaf and hearing impaired, aiming at including them in as many activities as possible together with the general public.

EXHIBITORS

Bibliotheca Alexandrina Planetarium Science Center (PSC)



The Planetarium Science Center (PSC) is an affiliate edutainment center of the Bibliotheca Alexandrina. The PSC is dedicated to increasing public understanding and appreciation of science. It is considered one of the leading Egyptian informal education organizations. The PSC is a hands-on complex designed to deliver first class science and technology activities and workshops outside the classroom. It aims to create a new generation of innovative thinkers and science-literate problem solvers.

EXHIBITORS

Sustainable Development Studies, Youth Capacity Building and African Relations Support Program Bibliotheca Alexandrina



The Bibliotheca Alexandrina believes that youth should think of ways and actions needed to secure their future on our planet, as they are the ones who will suffer most if they are not included in discussions and actions regarding major environmental issues.

For this reason, the Bibliotheca Alexandrina Sustainable Development Studies, Youth Capacity Building, and African Relations Support Program supervises many activities (weekly meetings, field visits, workshops, e-learning courses, conferences, sessions, and more) through different programs aiming to do the following:

- Raise awareness towards sustainable development and rational use of natural resources among youth.
- Build youth capacity and develop their skills.
- Promote self-learning and distance learning methods and encourage scientific thinking.
- Develop scientific research and the personal and social skills of youth.
- Increase environmental awareness and promote preventative environmental management concepts between youth.

These programs include the following:

Knowledge Café (KC)

A gathering of young people at a round table platform to discuss scientific topics, especially environmental issues facing our community and the conservation of natural resources, in a café-like environment.

This gathering is every Saturday from 4:00 to 5:00 pm at the Bibliotheca Alexandrina Conference Center.



Youth for Environmental Sustainability and Better Understanding (YESBU)

This program is intended for school students from 13 to 18 years old, and it was launched in 2002. The main activity of the program is a weekly meeting that is held every Saturday from 5:00 to 7:00 pm, at the Bibliotheca Alexandrina Conference Center. At these meetings, the students gather and they choose a scientific topic to present in 10 minutes followed by a 20 minute discussion about each topic.

League of Young Masters (LYM)

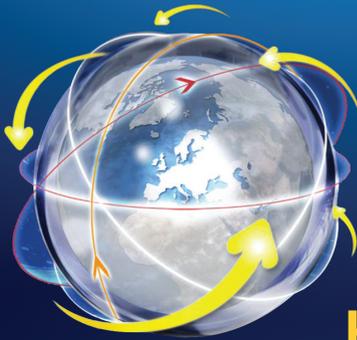
This program was launched in 2006 as an extension of the YESBU program directed towards university students from 18 to 25 years old. A weekly meeting is held every Sunday from 4:00 to 6:00 pm at the Bibliotheca Alexandrina Conference Center. At these meetings, the students presented scientific topics are discussed it.

African League of Young Masters (ALYM)

This program has been directed towards African students studying at the Alexandria University since 2011. The program aims to do the following: develop channels of communication between African students and their Egyptian peers, strengthen Egyptian-African relations, build student capacity, and develop students' skills. A weekly meeting is held every Saturday from 3:00 to 5:00 pm at the Bibliotheca Alexandrina Conference Center. In these meetings, the African students discuss a wide spectrum of topics related to Africa and give a presentation about it followed by a discussion.

Francophone League of Young Masters (FLYM)

This program has been directed towards Francophone African students studying at the Alexandria University since march 2015. The program aims to do the following: develop channels of communication between African students and their Egyptian peers, strengthen Egyptian-African relations, build student capacity and develop students' skills. A meeting is held every other Thursday from 2:00 to 4:00 pm at the Bibliotheca Alexandrina Conference Center.



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COSIMENA

Clusters of Scientific Innovation in the Middle East and North Africa

OUR MISSION

Common global challenges in particular, such as climate change, population growth or water scarcity, call for innovative scientific ideas and interdisciplinary and intersectoral solutions. Addressing those crucial issues, 2017 the DAAD Office Cairo successfully launched COSIMENA (Clusters of Scientific Innovation in the Middle East and North Africa) setting up various issue driven clusters in the fields of water, energy, health, agriculture, economy, urbanism and cultural heritage. The aim of the project is to intensify scientific collaboration and increase the visibility of networks between researchers and universities in Germany and countries of the Middle East and North Africa. In order to build on existing partnerships, COSIMENA is harnessing synergies between DAAD funded projects, alumni and partner institutions that can be expanded to the whole MENA region.

OUR ACTIVITIES

In the scope of COSIMENA the DAAD Office Cairo realizes various interdisciplinary events on current issues in science and innovation, such as workshops, conferences, round-table discussions, the German Science Day, the COSIMENA Science Night and summer schools. The several activities aim to bring together various stakeholders from science, business, government and civil society. Especially young scientists are promoted and supported through networking opportunities.

- UrbanismCluster
- AgricultureCluster
- EconomyCluster
- HeritageCluster
- WaterCluster
- HealthCluster
- EnergyCluster

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DAAD Deutscher Akademischer Austauschdienst
German Academic Exchange Service



The German Science Centre in Cairo



- ◆ Consortium of German research and higher education organisations led by the DAAD
- ◆ Providing a platform for German-Egyptian exchange in the fields of Science, Technology and Research
- ◆ Contributing to the synergy of Scientists in Germany and Egypt, bringing together experts from academic institutions, researchers and representatives of industry and government
- ◆ Promoting young scientists through information, exhibitions, scientific events and networking opportunities
- ◆ Consulting on potential cooperation opportunities
- ◆ Provides contacts to German and Egyptian research institutions and companies

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للعلم: الاستدامة

تضع التغيرات العنيفة في الطقس والمناخ العالميين استدامة كوكبنا على المحك أكثر من أي وقت مضى. وللإسهام في معالجة هذا الأمر، ستظل للعلم في قلب الأحداث المتعلقة بهذا الموضوع الهام، لتأتي لكم بأخر التطورات فيما يخص المناخ، والبيئة، والكوارث الطبيعية وغيرها. المعلومات متاحة مجاناً عبر الإنترنت من خلال المقالات الإخبارية، والأبحاث، ومقاطع الفيديو، والمقاطع الصوتية حصرياً للجمهور المتحدث باللغة العربية.



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Egypt-Japan University of Science and Technology
الجامعة المصرية اليابانية للعلوم والتكنولوجيا
エジプト日本科学技術大学

Fall 2018
Admissions
Information

Undergraduate Programs

Faculty of Engineering and Basic Science: Ministerial Decree 116/2019

Programs	<ul style="list-style-type: none"> • Electronics and Communications Engineering • Computer Science and Engineering • Electrical Power Engineering • Industrial and Manufacturing Engineering • Mechatronics Engineering • Materials Science and Engineering • Chemicals and Petrochemicals Engineering • Energy Resources Engineering
Entrance Exams	English, Math I&II, Logical Thinking, Chemistry, Physics and Personal Interview

Faculty of International Business and Humanities: Ministerial Decree 35/2017

Programs	<ul style="list-style-type: none"> • Active • Accounting and Information System • Human Resources Management <p>Future</p> <ul style="list-style-type: none"> • Entrepreneurship and Innovation • Investment and Finance • Marketing and International Business
Entrance Exams	English, Math I, Logical Thinking and Personal Interview

E-JUST Partner Universities from Japan

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- Waseda University
- Tokyo Institute of Technology
- Kyushu University
- University of Tsukuba
- Ritsumeikan University
- Nagoya University
- Osaka University
- Hokkaido University
- University of Tokyo
- Hiroshima University
- Tohoku University
- Kelo University
- Kyoto Institute of Technology
- Ritsumeikan Asia Pacific University



Key Features

- Learning style**: Active experimental learning at state of the art laboratories
- Scholarship**: Various Scholarships for Distinguished Students
- Partnerships**: E-just is supported by top Japanese universities
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- Teaching Style**: Co-teaching with Egyptian and Japanese professors
- Japan**: Learning Japanese language and culture
- Curriculum**: International level multi-disciplinary programs
- English**: Teaching language is English
- Governance**: Governmental University with Japanese Partnership
- Management**: Joint Management by Egypt and Japan

For more information about E-JUST please visit www.ejust.edu.eg
For any inquiries about the admission, please contact admission office through info.admission@ejust.edu.eg
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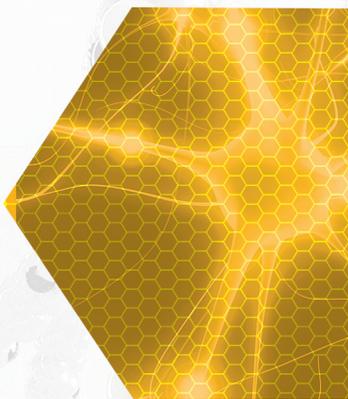
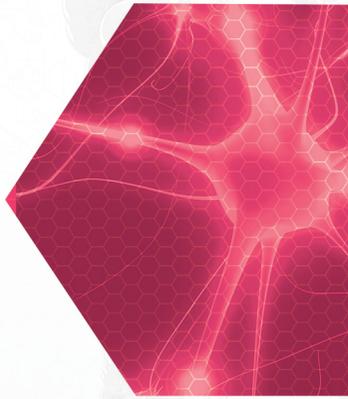
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