

In support of ITU/UNESCO Digital Inclusion Week

22 September 2019

Bibliotheca Alexandrina

One of Bibliotheca Alexandrina's (BA) objectives is to be a leading institution of the digital age. Accordingly, the BA through its Academic Research Sector and Information Communication Technology Sector are willing to participate in the ITU- UNESCO digital week for the Arab region held during the period of 22 to 28 September 2019, through organizing one day event at Bibliotheca Alexandrina Conference Center on 22 September 2019.

The Academic Research Sector via its *Sustainable Development Studies, Youth Capacity Building, and African Relations Support Program*, and the *Center for Special Studies and Programs (CSSP)*, in cooperation with the BA *Information Communication Technology Sector* will hold one day event for young people to promote SDGs and to provide outline of the world of Big data; with special focus on two examples from the BA projects that have implemented ICT and the digital communication technologies to educate and raise awareness of both the public and specialized communities. These two projects are the [BA Supercomputer](#) and the [BA Science Supercourse](#)

This one day event will take place under the umbrella of *League of Young Master's Program (LYM)* that is organized by *Sustainable Development Studies, Youth Capacity Building, and African Relations Support Program*.

- **BA Supercomputer:**

Supercomputing is an indispensable tool that empowers researchers in carrying out scientific research with the ability to perform tremendous amounts of calculations in much less time, relative to the possible in traditional computing environments.

Detailed information is available on the following websites:
<https://www.bibalex.org/en/project/details?documentid=281&keywords=supercomputer>

<https://hpc.bibalex.org/>

- **Science Supercourse (SSC):**

It is an online repository encompassing PowerPoint lectures in four main fields: Health, Environment, Agriculture and Computer Engineering. SSC has represented a useful tool for at least one million students around the globe.

Detailed information is available on the following website: <http://ssc.bibalex.org/>

- **Sustainable Development Studies, Youth Capacity Building, and African Relations Support Program:**

One of the Bibliotheca Alexandrina's academic research sectors programs. It aims to promote awareness among youth in the field of sustainable development, as well as build and develop the skills of Egyptian and African youth.

- **League of Young Master's program (LYM) :**

Since 2006, this program aims at promoting awareness among youth and build youth scientific capacity.

- **Center for Special Studies and Programs (CSSP):**

The CSSP is a scientific and cultural center; one of the academic research centers that is affiliated to the Academic Research Sector at the Bibliotheca Alexandrina (BA). The center is dedicated to collaborating with international and national institutions to help support researchers and the academic community at large, creating networks of international collaboration, carrying-out research projects in line with the BA mission, developing different scientific and educational programs as well as events that serve the Egyptian and Arab academic community.

Detailed information on the CSSP is available on the following website: www.bibalex.org/cssp

- **BA Information Communication Technology (ICT) Sector:**

Being born digital, the BA has set out its objectives to include "Being an Instrument for Rising to the Challenges of the Digital Age". Therefore, the Information and Communication Technology (ICT) is a key success factor for the delivery and fulfillment of the BA's mission while pacing up with today's challenges and trends. The ICT sector focuses on setting the BA as a distinctive, internationally renowned, research-intensive institution by providing a flexible, expandable and secure infrastructure to support and sustain an excellent research base in Egypt, so that institutional aspirations can be met. In addition to, creating partnerships and collaborations between the BA and other institutions from around the world for the benefit of international community. With more than fifteen years of experience in the field, the ICT sector has a distinguished record of achievements in adopting and implementing proven technology solutions across different areas. From the automation implemented in all Library functions, development of virtual applications to the ever-growing number of web-based portals developed achieving the integration between the state-of-the art technologies to set the BA as a worldwide leading institution of the digital age.

Suggested Program:

Bibliotheca Alexandrina Conference Center, Lecture Hall Sunday, 22 September 2019		
Time	Program	Presenter
16:00-16:20	Overview on Sustainable Development Goals	Representative of; Sustainable Development Studies, Youth Capacity Building, and African Relations Support Program
16:20-17:00	<ul style="list-style-type: none">▪ Introduction: What is Big data▪ BA-Supercomputer	ICT Sector Representative
17:00-17:15	Open Discussion	ICT Sector Representative
17:15-17:35	Introducing Science Supercourse	CSSP Representative
17:35- 17:50	Discussion	CSSP Representative
17:50-18: 00	Closing remarks	