



Under The Patronage of His Excellency
Ahmed Aboul-Gheit
Secretary General of the League of Arab States

e-AGE 2017

7th International Platform on Integrating
Arab e-Infrastructure in a Global Environment
League of Arab States, Cairo, Egypt
3-4 December, 2017

“EDUCATION, SCIENCE AND INNOVATION”

What is e-AGE all about?

Integrating Arab e-infrastructure in a Global Environment, e-AGE, is an annual international conference organized by the Arab States Research and Education Network, ASREN. Since the launch of ASREN in December 2010 at the League of Arab States, it was decided to organize e-AGE every year in an Arab country. e-AGE is in line with ASREN's major objectives that are related to dissemination and awareness, promotion of research collaboration and joint activities, and establishment of research networks in the Arab region and worldwide.


More Information
www.eage2017.asrenorg.net

Partners



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e-AGE is meant to be the launching pad for Research and Education connectivity and cooperation. It brings together ASREN, EUMEDCONNECT, AfricaConnect, GÉANT, AfREN and INTERNET2 stakeholders and the region's foremost innovators, leaders, scientists, and businesses to discuss and debate new models of innovation, integration of research and education networks, policies for sustainable development in education, means of knowledge sharing and dissemination, capacity building programs, and region-wide e- infrastructure deployment to tackle today's crises in climate change, global economy, food, water scarcity, alternative energy, and environmental issues. The forum can lay the foundation for a dream of many of today's leaders towards a global e-infrastructure for R&E, based on real life inclusiveness beyond any political protocols.

Furthermore, in the past several regional activities joined e-AGE to share experiences and take advantage of its unique gathering, including:

- Annual Euro-Mediterranean event
- EUMEDCONNECT Project Meeting
- Internet2 Middle East SIG Meeting
- EUMEDGRID Support Meeting
- CHAIN and CHAIN-REDS Project meetings and workshops
- MAGIC Project meetings and workshop
- OSSCOM Project meeting and conferences
- AROQA Conferences and workshops
- Technical workshops dedicated to NREN staff

Past e-AGE conferences

e-AGE 2016

Under the patronage of His Excellency Boutros Harb, Minister of Telecommunications, e-AGE 2016 took place at the American University of Beirut, Lebanon during 1-2 December 2016, with more than 200 participants, including academics, network professionals, researchers, scientists, and high-level decision makers from governments, enterprises, NGOs, embassies, academia, and civil society from over 40 countries.

e-AGE 2016 focused on "Ubiquity and Cohesiveness of e-Infrastructures" as the main theme of the conference and all activities was centered on it:

- Main Conference e-AGE 2016
- The 6th Annual Meeting of ASREN
- The 9th Event on Euro-Mediterranean e-Infrastructure
- EUMEDCONNECT3 and AfricaConnect2 Project Meetings
- AfricaConenct2 Coordinators Meeting
- Internet2 SIG Middle East Meeting
- ASREN's workshops on "Computer Security Incident Response Team (CSIRT)" and "Identity Federation Infrastructure"
- AROQA 8th Annual Conference

For more insights, please visit <http://eage2016.asrenorg.net>



e-AGE 2015

Under The royal patronage of His Majesty King Mohammed VI of Morocco, e-AGE 2015 conducted in Casablanca, Morocco during 7-8 December 2015, hosted by the National Centre for Scientific and Technical Research (CNRST), with 200 high-level attendance from over 45 countries. e-AGE 2015 focused on “Revealing and Harvesting Knowledge” as the main theme of the conference as ASREN continued to expand within the context of EUMEDCONNECT3, Africa Connect 2, and MAGIC projects.

e-AGE 2015 included several events and activities:

- The 5th annual meeting of ASREN
- The 8th Event on Euro-Mediterranean e-Infrastructure
- EUMEDCONNECT3 and Africaconenct2 Project Meetings
- AROQA 7th Annual Conference
- MAGIC workshop

e-AGE 2015 paid attention to users, applications, services and inclusion of stakeholders in research and education and related services to enable and to facilitate collaboration to encourage resources and knowledge sharing.

The e-Infrastructures evolving in the Arab region at both national and regional levels as more than 15 Arab countries now have NRENs in place or starting their NREN. At the regional level, ASREN announced the operation of the Arabian Global Educational Open PoP (AGE-OP) in London Telicity in cooperation with GEANT Association, Ankabut announced the operation of the first Arab Global Educational Open Exchange AGE-OX in Fujairah in cooperation with Internet2.

For more insights, please visit: <http://eage2015.asrenorg.net>

e-AGE 2014

Under the patronage of His Highness Sayyid Taimur Bin As’ad Al Said, Assistance Secretary General for Communication at The Research Council of Oman, e-AGE 2014, took place in Muscat, Oman during 10-11 December 2014, with more than 200 high-level participation and delegates from over 40 countries. More than 60 speakers in 13 sessions and roundtables discussed topics related to e-Infrastructures, applications, services and research initiatives and success stories. e-AGE 2014 received more than 20 paper submissions too.

In e-AGE 2014, the main focus was on “Intercontinental Connectivity of the Pan Arab Network” as the main theme of the event. ASREN started concrete steps towards connecting researchers and academics across the Arab States by launching its first PoP in London Telicity and working with its partners on new PoPs in UAE, Egypt and the western part of the Arab Region.

e-AGE 2014 included events, workshops, meetings centered on the following themes:

- The 4th annual meeting of ASREN
- The 7th Event on Euro-Mediterranean e-Infrastructure
- EUMEDCONNECT3 Project Meeting
- AROQA 6th Annual Conference

e-AGE 2014 witnessed the presence of 15 Arab NREN representatives. More insights on e-AGE 2014, please visit <http://eage2014.asrenorg.net>



e-AGE 2013

Under the patronage of His Excellency Moncef Ben Salem, Minister of Higher Education and Scientific Research of Tunisia and hosted by The Computing Center Al Khwarizmi (CCK), e-AGE 2013 took place in Tunisia during 9-13 December 2013. e-AGE 2013 was attended by more than 120 participants, representing over 30 countries from around the world.

e-AGE 2013 was planned on the basis of three main themes: Connect ---> Access ----> Innovate, it included several events and activities:

- Main event, e-AGE 12-13 ,2013 December 2013
- The 6th Event on Euro-Mediterranean e-Infrastructure
- Workshop on Network Management Tools for NREN NOCs, 9-11 December 2013
- CHAIN-REDS Workshop, 11 December 2013
- EUMEDCONNECT3 Project Meeting, 11 December 2013
- AROQA 5th Annual Conference, 13 December, 2013

During e-AGE 2013, ASREN announced the operation of its first PoP in London Telicity.

For more insights on e-AGE 2013, please visit <http://eage2013.asrenorg.net>.

e-AGE 2012

Under the patronage of His Excellency Nahyan Mubarak Al Nahyan, the UAE Minister of Higher education and Scientific Research, e-AGE 2012, took place in Dubai, United Arab Emirates during 12-13 December 2012. e-AGE 2012 was attended by more than 200 academics, network professionals, researchers, scientists, and high level decision makers from governments, enterprises, NGOs, academia, and civil society from over 40 countries. e-AGE 2012 centered on "Collaborate towards developing the regional e-Infrastructures" as the main theme of the conference.

e-AGE2012 included several regional events and activities that focused on research, education and e-Infrastructures:

- The 5th Event on Euro-Mediterranean e-Infrastructure
- The 2nd annual meeting of ASREN
- CHAIN-REDS kickoff meeting

Moreover special sessions have been dedicated to specific domains, mainly focusing on experiences in connectivity and e-Infrastructure, applications and services in the scientific domains, and case studies with impact indicators and measures.

Representatives from the following countries participated in e-AGE 2012 meetings: Jordan, Palestine, Egypt, UAE, Saudi Arabia, Oman, KSA, Algeria, Tunis, Morocco, Lebanon, Sudan, Qatar, Somalia, Cyprus, USA, Italy, Netherlands, Switzerland, Belgium, Germany, Greece, UK, Bahrain, Dominican Republic, Yemen, Nigeria, Afghanistan, Czech Republic, Ghana, Zimbabwe, China, Latin America, Malawi, Cameroon, India, Spain, Rwanda, Belgium and Ivory Coast.

For more insights on e-AGE 2012, please visit <http://eage2012.asrenorg.net>.

e-AGE 2011

Under the royal patronage of His Majesty King Abdullah II ibn Al Hussein, e-AGE 2011 took place in Amman, Jordan during 12-14 December 2011. It was attended by more than 200 high-level representatives including ministers, government officials, policy makers, academics, network engineers, NREN representatives, researchers and scientists from over 30 countries.

e-AGE 2011 presented the status and future opportunities to develop Pan-Arab research and education network integration models and beyond to Europe, the US, and the globe at large, under the title "Together We Shape the Future of Research and Education Networks". e-AGE 2011 included three regional events that focused on research and education e-Infrastructures:

- The 4th Event on Euro-Mediterranean e-Infrastructure
- Internet2 SIG Middle East Meeting
- The 1st Annual Meeting of ASREN
- EUMEDGRID Support Meeting and workshop
- EUMEDCONNECT3 Project Meeting

In conclusion, participants emphasized that Arab countries face scientific, knowledge, and cultural challenges and that Arab youth, specialists and researchers are knowledge creators towards innovation and development - "the best way to predict the future is to create it". e-Infrastructures support the development of knowledge through access to resources, computing facilities and services.

For more insights on e-AGE 2011, please visit <http://eage2011.asrenorg.net>



The 7th International Platform on Integrating Arab e-infrastructure in a Global Environment - e-AGE 2017

The e-AGE conference had established itself as an important venue for networking among experts and scientists. In 2017, e-AGE will be held under the patronage of His Excellency Ahmed Aboul-Gheit, the secretary general of the League of Arab States in Cairo – Egypt during 3 – 4 December 2017. In e-AGE 2017, the focus will be on Intercontinental Connectivity, and how internetworking has contributed to Education, Science and Innovation. The e-Infrastructure has evolved in the Arab region at both national and regional levels as National Research and Education Networks (NRENs) are developing now in more than 17 the Arab countries.

Structure

e-AGE 2017 will continue to help foster development of R&E networks in the Arab World and beyond by showing how e-Infrastructures can be used to facilitate high-quality education and research collaborations on a larger scale. The main event will be held as 2-day gathering in English and will be organized jointly between the Arab, European, African and the American regions. The structure, activities and formats of e-AGE 2017 will be as follows:

- Keynotes
 - Panel and roundtable discussions
 - Presentation sessions
 - Paper presentations
 - Industry and technology briefings and discussions
 - Consultation meetings, focus groups, and roundtables
 - Best practice showcases and practical demonstrations
 - Exhibition, posters and demonstrations
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Main Events

The following events will be organized during e-AGE 2017:

- e-AGE 2017 Annual Conference
- The 10th Event on Euro-Mediterranean e-Infrastructure
- The 7th annual meeting of ASREN
- AROQA 9th Annual Conference
- EUMEDCONNECT3 Project meeting
- AfricaConnect2 Project meeting
- Technical Workshops on R&E networking



Topics

- Scientific computing and data-intensive e-Science in the scientific areas related to energy, environment, health, climate, water, agriculture, biology, economy, medicine, as well as in social sciences and humanities.
- Perspectives on NRENs, including challenges, operation, sustainability, funding, governance, business models, security and services.
- Problem-solving environments, Virtual Research Environments, Science Gateways and collaborative tools, applications and services.
- Education and e-Learning Technologies, access to educational resources, repositories, libraries and contents, clouds, grids, parallel and distributed computing, and high performance computing.
- Internet technologies and trends, Internet of Things, Security, SDN and AAls.

Program/Steering Committee

- Ahmed Hassan, EUN, Egypt
- Boubakar Barry, WACREN, Senegal
- David West, GEANT, UK
- Federico Ruggieri, GARR Consortium, Italy
- Florencio I. Utreras, UTTICA, Chile
- Helga Spitaler, GEANT, UK
- Johnathon Chapman, Internet2, Qatar
- Pascal Hoba, UbuntuNet Alliance, Malawi
- Salem Al-Agtash, GJU, Jordan
- Yousef Torman, ASREN, Jordan

Important dates

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|------------------------|---|
| ▪ 1 October, 2017 | Submission Deadline (Full Papers) |
| ▪ 15 October, 2017 | Submission Deadline (Posters and Presentations) |
| ▪ 1 November, 2017 | Acceptance Notification |
| ▪ 1 November, 2017 | Registration Deadline |
| ▪ 25 November, 2017 | Final Pdf posters, Word papers and Presentations slides |
| ▪ 3 – 4 December, 2017 | e-AGE 2017 |





Speakers

At previous e-AGE events, ASREN attracted high level and distinguished speakers from around the world. More than 45 speakers from 30 countries in e-AGE 55 ,2011 speakers from 40 countries in e-AGE 44 ,2012 speakers from 23 countries in e-AGE 63 ,2013 speakers from 45 countries in e-AGE 38 ,2014 speakers from 30 countries in e-AGE 2015, and 50 speakers from 24 countries in e-AGE 2016. All presented topics related to research and education with a focus on the importance of ICT, e-Infrastructures and networking for the development of research and education. It is anticipated that the same high level participation will be ensured at e-AGE 2017 in Egypt as a host.

Renowned speakers and experts will be invited to give presentations and participate in panel discussions on latest developments of e-Infrastructures and applications, different aspects of research and education networks, telecommunication technologies, and more. Researchers are also invited to submit papers on topics related to technology, e-Infrastructures, and national and regional RENS.

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