ASREN

Arab States Research and Education Network

ASREN *Newsletter*

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*"**ASREN** is a non-profit company with limited liability (GmbH) and is officially registered in Germany, under the umbrella of the League of Arab States. The main goal is to connect Arab institutions among themselves and to the globe through high-speed data-communications networks. Such networks will enable sharing and access to a variety of R&E services and applications in addition to utilization of highly sophisticated and technologically advanced computing resources available only at very few institutions in the world."*

In this issue

The 48th Asia Pacific Advanced Network Meetings

Salem Al-Agtash has participated as a keynote speaker in the 48th Asia Pacific Advanced Network (APAN48) Meeting, which was held in Malaysia during 22 - 26 July, 2019. The topic he presented was on interoperable e-infrastructures between regional RENs as means to enhance collaboration and facilitate access to computing resources and repositories. The APAN48 and its collocated events and workshops have been hosted at University Putra Malaysia and was attended by more than 200 participants.

Similar to ASREN's e-AGE annual conference, APAN48 provides a platform for participants to exchange ideas, promote and share their network-enabled R&E activities and discover novel opportunities to collaborate within the Asia Pacific region and beyond. Dr. Al-Agatash has met with key staff from APAN, Internet2, Malaysia NREN, OmanREN, and others to explore opportunities of cooperation.

In his keynote, Dr. Al-Agtash presented the importance of ultra high-speed networks to advance the achievement of the UN Sustainable Development Goals, mainly focusing on Education, Health, Environment, Society, Partnership, Economy, Poverty, Resilience, and many others. He also added that the role of e-infrastructure is important in advancing the development of smart cities, enhancing the use renewable energies, and supporting the invention of new technologies in the context of Artificial Intelligence for good.

Call for Papers
e-AGE19 Conference - Groundbreaking Research and Education Networks

The e-AGE conference had established itself as an important venue for networking among experts and scientists. In 2019, e-AGE will be held at Khalifa University in Abu Dhabi, UAE during 11 - 12 December 2019. This year the focus will be on demonstrated successes in using research and education e-Infrastructures and a need for interoperable high speed networks at national, regional and international levels. In short words, e-AGE19 is coming with "GROUNDBREAKING RESEARCH AND EDUCATION NETWORKS" as the main theme of the conference.

e-AGE19 will include events, workshops and meetings centered around the following:

- e-AGE Annual Conference
- The 12th Event on Euro-Mediterranean e-Infrastructure
- The 9th annual shareholders meeting of ASREN
- EUMEDCONNECT3 Project meeting
- AfricaConnect2 Project meeting
- Internet2 Middle East SIG Meetings
- Workshops dedicated for e-Infrastructure users

Moreover, special sessions will be dedicated to specific domains, mainly focusing on experiences in connectivity and e-Infrastructure, applications and services across a variety of scientific domains. It is also important to show how research infrastructure creates tangible benefits to communities and collaborations. It is still critical to demonstrate how research connectivity can promote collaboration and innovation. Different discussions will be stimulated during e-AGE to drive outcomes and concrete results on practical steps towards developing a regional e-Infrastructure.

Authors are invited to submit full papers reporting on their original and unpublished research in e-Infrastructures and computational and data-intensive sciences. All papers will be peer-reviewed for relevance, quality and originality of research.

Posters are also welcomed, featuring a poster at e-AGE will serve as an excellent advertisement for your work, and can act as a great conversation starter with e-AGE participants.

Topics of interest include, but not limited to:

- Scientific computing and data-intensive e-Science in 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, cloud, grids, parallel and distributed computing, and high performance computing.
- Internet technologies and trends, Internet of Things, Security, SDN and AAIs.
- Artificial Intelligence tools, deep learning, big data, and open science platforms.

For more details, please visit the conference website at: http://asrenorg.net/eage19/

Why internet connectivity on its own is not enough

Being connected to the internet does not help students and researchers if the connection is slow, unreliable and unsafe to use. Enter NRENs. Watch the video made about the NREN in Mozambique which clearly shows the importance of the NREN and how it positively influences different sectors. The AfricaConnect2 project supports regional RENs to make sure their national RENs can get high-speed networking done without a hassle. Additionally, the project aims to connect students and researchers from the African continent to the rest of the world and vice versa.

Please click for more: https://youtu.be/xRXE7fakaLk
Source: https://blog.geant.org/2019/07/23/why-internet-connectivity-on-its-own-is-not-enough

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