

ASREN 

# CONCEPT BROCHURE

“GROUNDBREAKING RESEARCH AND EDUCATION NETWORKS”

**e-AGE19** | Ninth International Platform on Integrating  
Arab e-Infrastructure in a Global Environment

*Abu Dhabi, UAE  
11-12 December 2019*



## 2018 OVERVIEW

WHO IS ASREN?

WHAT IS e-AGE?

e-AGE19

STRUCTURE & TOPICS



## CONTACT

[info@asrenorg.net](mailto:info@asrenorg.net)

## e-AGE19

[asrenorg.net/eage19/](http://asrenorg.net/eage19/)

# 2018 OVERVIEW

**2** KEYNOTE SPEAKERS

**5** SIDE EVENTS

**25** SESSIONS

**25** COUNTRIES REPRESENTED

**33** SPEAKERS AND SESSIONS CHAIRS

**110** PARTICIPANTS

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## Who is **ASREN?**

**ASREN AIMS AT BUILDING, MAINTAINING AND CONSOLIDATING REGIONAL e-INFRASTRUCTURES DEDICATED TO e-SCIENCE AND EDUCATION ACROSS THE ARAB COUNTRIES.**

*A* *SREN*, the Arab States Research and Education Network, is a nonprofit organization, registered in Germany and launched at the League of Arab States in 2011. ASREN is the association of the Arab National Research and Education Networks (NRENs), aiming to implement, manage and extend sustainable Pan-Arab e-Infrastructures that are dedicated for research and education communities. The objective is to boost scientific research and cooperation in member countries through the

provision of world-class e-Infrastructures and e-services.

ASREN connects Arab institutions among themselves and to the globe through high-speed communication networks that enable sharing and access to a variety of research services and applications. The networks also support the utilization of highly sophisticated and technologically advanced computing resources that are available only at a few institutions in the world.

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## What is e-AGE?

**e-AGE PROVIDES A GREAT OPPORTUNITY TO STIMULATE DIFFERENT DISCUSSIONS TO DRIVE OUTCOMES AND CONCRETE RESULTS ON PRACTICAL STEPS TOWARDS DEVELOPING A REGIONAL e-INFRASTRUCTURE.**

Integrating Arab e-infrastructure in a Global Environment, e-AGE, is an annual international conference organized by the Arab States Research and Education Network. e-AGE supports 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.

e-AGE is a 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 integration of research and education networks and region-wide e-infrastructure deployment to support research in addressing today's most pressing problems in climate change, food and water scarcity, renewable energy, and environment.

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# e-AGE19



**e-AGE19 IS COMING WITH “GROUNDBREAKING RESEARCH AND EDUCATION NETWORKS” AS THE MAIN THEME OF THE CONFERENCE AND ALL ACTIVITIES ARE CENTERED ON IT.**

e-AGE19 will be held in Abu Dhabi, UAE during 11 - 12 December 2019 with a focus on demonstrated successes in using research and education e-Infrastructures and a need for interoperable high speed networks at national, regional and international levels. Renowned speakers and experts are 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.

The following events will be organized during e-AGE19:

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

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# STRUCTURE & TOPICS

## Structure

e-AGE19 helps to foster the development of R&E networks in the Arab region and beyond. This will be realized by showcasing how e-Infrastructures are used to facilitate potential education and research collaborations at a large scale. The activities and formats of e-AGE19 are 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

## Topics

Scientists are invited to submit papers for topics related 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 AAI.
- Artificial Intelligence tools, deep learning, big data, and open science platforms.

# e-AGE19

Abu Dhabi, UAE

12-11 December 2019

“GROUNDBREAKING RESEARCH AND EDUCATION NETWORKS”

**For More Information, Please Contact Us:**

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