

## Special Issue On: Development of e-Infrastructures - Call for Papers



### **International Journal of Advanced Pervasive and Ubiquitous Computing (IJAPUC) Special Issue On: Development of e-Infrastructures**

**Submission Due Date:** 19th February 2019

#### **Guest Editors**

Salem Al-Agtash, German Jordanian University, Jordan

Dale Smith, University of Oregon, United States of America

Elisabetta Zuanelli, University of Rome, Italy

#### **Introduction**

This special issue on the development of e-Infrastructures is meant to publish refereed research integrating the disciplines of high speed research and education network, scientific computing facilities, support services and applications, data-intensive e-Science, open exchange points and peering, and problem solving environments such as cloud, grid, and high performance computing. The journal provides a forum for scientists, practitioners, policy makers, and professionals to advance the use and practice e-Infrastructure development and their interoperation and integration. This special issue publishes full-length research papers and insightful practices and case studies from all areas of e-Infrastructures that are selected after a rigorous blind review by experts in the field.

Website: <https://www.igi-global.com/journal/international-journal-advanced-pervasive-ubiquitous/1106>

#### **Objective**

The objective is to publish original research and insightful practices and case studies on the development of e-Infrastructure network, peering and open exchange points, and applications and services that are relevant to research communities, worldwide.

#### **Recommended Topics**

Topics to be discussed in this special issue include (but are not limited to) the following:

- ? e-Infrastructures and its potential to support virtual research communities
- ? Scientific computing
- ? Data-intensive e-Science
- ? Perspectives on research and education networks, including challenges, operation, sustainability, funding, governance, and business models
- ? Problem-solving environments and collaborative tools, applications and services
- ? e-Learning and transformative education technologies
- ? Experience of potential access to educational resources, repositories, libraries and contents
- ? Computing facilities including clouds, grids, and high performance computing
- ? Internet technologies and trends, Internet of Things, Security, SDN and AAI
- ? Case studies and best practices of high speed networks and open exchange points

### **Submission Procedure**

Researchers and practitioners are invited to submit papers for this special theme issue on Development of e-Infrastructures *on or before* February 1, 2019. All submissions must be original and may not be under review by another publication. INTERESTED AUTHORS SHOULD CONSULT THE JOURNAL'S GUIDELINES FOR MANUSCRIPT SUBMISSIONS at <http://www.igi-global.com/publish/contributor-resources/before-you-write/>. All submitted papers will be reviewed on a double-blind, peer review basis. Papers must follow APA style for reference citations.



All submissions and inquiries should be directed to the attention of:]

**Professor Dr. Salem Al-Agtash**

Guest Editor

**International Journal of Advanced Pervasive and Ubiquitous Computing (IJAPUC)**

E-mail: [alagtash@gnu.edu.jo](mailto:alagtash@gnu.edu.jo)