

Software Innovation for Digital Transformation



2018.amecse-conferences.org
Oct. 30-31, Cairo - Egypt

About AMECSE Conferences

Africa and Middle East Conference on Software Engineering (AMECSE) is a series of conferences started in 2014 as the first forum in the region for practitioners and researchers to present and share the most recent innovations, trends, experiences and concerns in the field of Software Engineering. Every edition of AMECSE fosters a theme that is deemed important for tackling pressing challenges in our region.

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Conference Proceedings

Haitham Hamza, SECC/ITIDA, Egypt

Azza Kamal, SECC/ITIDA, Egypt



Organizers



Call for Submissions and Participation

Digital transformation is the profound transformation of the way of doing business by incorporating digital, social, mobile and emerging technologies. It introduces new models, processes, technologies and competencies to fully leverage the changes and opportunities of the digital technologies in the different domains. It also considers the adoption of these new technologies in a strategic and prioritized way, with present and future shifts in mind. Digital transformation will lead to the encouragement of innovation and the creation of new business models.

The theme of the fourth edition of the Africa and Middle East Conference on Software Engineering (AMECSE 2018) is *Software Innovation for Digital Transformation*. AMECSE 2018 aims at exploring how innovation in software engineering can support digital transformation. The conference will explore the alignment of the new technological trends, business models and processes to drive new values and effectively compete in an over-changing digital economy. The conference will also shed the light on the methodologies suitable for transforming the traditional methods in the different domains into new ones by employing innovative and creative approaches and frameworks.

We solicit high quality contributions in one or more of the following three types of submissions:

- **Industrial and Research Papers** typically report new and innovative results in empirical, theoretical, tool-oriented, or conceptual work.
- **Tutorials** are short lectures delivered by leaders in industry or academia to provide hands-on experience in new and emerging technologies and tools.
- **Demos/Posters** provide a channel for industry and academia to demonstrate and share their products prototypes for implementing smart knowledge cities with the community in an informal and exciting setting.

Conference Topics

AMECSE 2018 invites submissions addressing the role of software innovation in the different aspects of digital transformation as:

- Blockchain and Smart Contracts
- Social Computing
- E-Collaboration SW Systems
- Big Data and Analytics
- Internet of Things
- E-Commerce
- Digital Business Models
- Microservice Architecture
- Smart Cities
- Mobile Value Services
- Digital Services
- Smart Education

Important Dates

Research and Industrial Papers

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|--------------------------------------|--------------------|
| Initial Submission (Shepherding) | May 25, 2018 |
| Submission | July 21, 2018 |
| Notification to author | August 25, 2018 |
| Camera-ready and author registration | September 15, 2018 |

Demos/Posters

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| Submission | August 28, 2018 |
| Notification to author | September 4, 2018 |
| Camera-ready and author registration | September 15, 2018 |

Tutorials

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|------------------------|-----------------|
| Submission | August 20, 2018 |
| Notification to author | August 31, 2018 |

All submissions must be original and are NOT submitted, published or under consideration anywhere in other conferences/journals.

Submissions must be done electronically via **EDAS** (<https://edas.info/N24596>) by the stated deadlines.

The call for submissions and submission guidelines and policies are available at: <http://2018.amecse-conferences.org/>