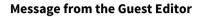# Quality, Testing, and Validation for Emerging Technologies

Guest Editor:

Dr. Moez Krichen
Department of Information Technology, Faculty of Computer Science and Information Technology (FCSIT), Al-Baha University, Alaqiq, Al Bahah 65779-7738, Saudi Arabia

Deadline for manuscript submissions:
closed (20 April 2024)

Message from the Guest Editor

Emerging technologies are rapidly transforming our society and our daily lives. Internet, cloud solutions and mobile technology permit us to remain connected and converse remotely. However, nonconformities in the application of new technologies may result in accidents. Quality assurance is crucial since it encompasses the entire product development process, including planning, designing, implementing, and testing. The control of product quality has become an integral aspect of every phase of project management. Exceptional quality management will provide cost-effectiveness and greater project performance.

This Special Issue solicits contributions from scholars and practitioners in the disciplines of modern technological product development, analysis, and validation, which are utilized to successfully manage, control, and ensure product quality. The topics of interest include, but are not limited to:

- Product validation and verification
- Security testing
- Performance testing
- Quality management
- Product life cycles
- Software refactoring
- Continuous integration testing
- Artificial intelligence-based validation
- Debugging and fault localization

mdpi.com/si/163694

Special Issue

Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo
Dipartimento di Fisica,
Politecnico di Milano, Piazza L.
da Vinci 32, 20133 Milano, Italy

Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.
High Visibility: indexed within Scopus, SCIE (Web of Science), Inspec, CAPlus / SciFinder, and other databases.
Journal Rank: JCR - Q2 (*Engineering, Multidisciplinary*) / CiteScore - Q1 (*General Engineering*)

Contact Us