



Quality, Testing, and Validation for Emerging Technologies

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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





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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.

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