Welcome Message from the Chairs

InSTA 2018

It is our pleasure to welcome you to the 5th International Workshop on Software Test Architecture (InSTA 2018) collocated with the 10th IEEE International Conference on Software Testing, Verification and Validation (ICST 2018) in Västerås, Sweden.

The workshop aims to discuss software architecture between industry and academia. Design better software test architectures is important for software testing activities. The software test architecture is a key part of the test strategy. As software becomes larger and more complicated, we must increase its reliability and users' delights. The need for better testing calls for emphasizing higher-level test designs with specialized software test architectures. This higher level approach allows the design concepts and big picture of the software to be grasped and communicated, and the higher level of abstraction can increase the productivity and reusability. This makes it possible for the software testing to cope with the high reliability requirements of large and complex programs.

Test architectures must be approached indirectly as a part of the test strategies. Some organizations are working to establish new ways to design novel test architectures, but there is no unified understanding of the key concepts of test architectures. This workshop is intended to allow researchers and practitioners to comprehensively discuss the central concepts of test architectures. InSTA 2018 provides sessions of research, industry experiences and emerging idea papers about software test architecture.

We would like to thank the program committee to contribute the workshop. Please enjoy InSTA 2018.