

## Annual Report from the BCS SIGiST Standards Working Party September 2018

The last year has seen ISO Working Group 26 (WG26), which we lead, make further progress in its role of developing international testing standards. We have now published the first five of the ISO/IEC/IEEE 29119 set of software testing standards ('Concepts and Vocabulary', 'Test Processes', 'Test Documentation', 'Test Techniques and 'Keyword-Driven Testing'), as well as ISO/IEC 30363 on Test Process Assessment and ISO/IEC 20246 on Work Product Reviews. A number of these testing standards are largely based on the British BS 7925 standards, which were developed by this BCS Standards Working Party, set up by the BCS SIGiST in 1989.

The ISO Software Testing Working Group continues to work on:

- Technical Report on using 29119 for Games Testing
- International Standard on Performance Testing
- International Standard on Incident Management
- International Standard on Static Analysis
- Technical Report on using 29119 for Model-Based Testing
- Technical Report on using 29119 for Agile Testing
- Technical Report on using 29119 for Automotive Testing
- 5-year Review ISO 29119 Parts 1-4
- Study Groups are also looking at standardization of Test Environments and Test Scenarios

I would welcome volunteers who want to work on any of the above.

We are represented on the BSI IST/15 Software and Systems Engineering Committee and through this body we are ensuring software testing gets fair representation alongside other software and systems standards, as well as leading the ISO Working Group work mentioned above. A BSI WG26 Mirror Panel provides review comments from the UK to the ISO Working Group and is looking for more reviewers – please contact me at [stureid.test@gmail.com](mailto:stureid.test@gmail.com) if you are interested.

Since 1999 the SWP has been working on a standard on techniques for non-functional testing, fifteen of which have been identified so far: Reliability, Memory Management, Usability, Configuration, Portability, Recovery, Disaster Recovery, Performance, Stress, Security, Procedure, Interoperability, Compatibility, Installability, and Conversion Testing. Expected users of the new standard are expected to be: specifiers of systems, customers and/or users of systems (to check the delivered system), developers who create systems, and, last, but not least, testers of systems. The work on the new standard is web-based (<http://www.testingstandards.co.uk/>), so all material to do with the working party (and testing standards in general) is now publicly available on the web site.

*Stuart Reid*

Chair - BCS SIGiST Standards Working Party  
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