Workshop on
Software Reliability

IEEE Nuclear Science Symposium and Medical Imaging Conference

Atlanta, GA, USA, 22 October 2017

This interdisciplinary workshop, open to all IEEE NSS-MIC participants, offers a venue to share problems, experience, ideas, ongoing R&D, methods and tools related to software reliability in the experimental context of NSS-MIC research areas.

Can we trust our software?

The workshop will include invited and contributed talks to promote discussions on

- Monte Carlo simulation validation
- Mathematical methods, algorithms
- Uncertainty Quantification
- Methods to improve software reliability
- Software quality measurements
- Testing, validation, calibration
- Experimental strategies
- Education to software quality

...and more

Tutorials

The workshop is complemented by a selection of *free of charge tutorials* about using major **Monte Carlo codes** reliably and analysis methods for **validation tests**.

Further details in the NSS-MIC web site.

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