The IEEE North Atlantic Test Workshop provides a forum for discussions on the latest issues relating to high quality, economical, and efficient test methodologies and designs. The 27th NATW will feature a tutorial on Monday on the subject of verification. In addition to traditional topics, the 27th NATW will feature a general theme of “Silicon Photonics.” Major topics can include, but are not limited to:

- Analog, Mixed Signal & RF Testing
- Built-In Self-Test (BIST)
- Board and Package Level Testing
- Delay & Performance Testing
- Diagnosis and Debug
- Dynamic Test
- Embedded Memory Testing
- IDDQ Testing
- Machine Learning for Testing
- Nanotechnology Testing
- Multi-Chip Module Testing
- Memory & MEMS Testing
- Nanotechnology Testing
- System-on-Chip (SOC) Test & Debug
- Test Quality/System Reliability
- Test Resource Partitioning
- Testing for Soft Errors/Defects

The Program Committee invites authors to submit original, unpublished papers and panel proposals. Submissions may be in terms of extended summaries or full papers. Detailed instructions for submission can be found at the “Author Information and Paper Submission” link http://natw.ieee.org.

Papers found suitable for archival publication will be recommended by the program committee for submission to the “Journal of Electronic Testing: Theory and Applications (JETTA),” published by Springer. In addition, publication in IEEE Xplore is an option for authors who choose to do this.

**Jake Karrfalt Best Student Paper Award**

To encourage student participation in the testing research community, NATW has sessions dedicated to student presentations and includes a Best Student Paper Award.

**James Monzel Service Award:** The award is issued to individuals for dedicated service to NATW.

**Important Dates:** Submission – 03/12/2018 / Notification of acceptance – 04/6/2018 Submission of final papers – 04/25/2018 / Submission of PPT presentations – 05/2/2018

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Corporate/Academic Supporter packages available for 2018. Please see our website for more details. Corporate/Academic Supporters for 2018 included: