The IEEE North Atlantic Test Workshop (NATW) provides a forum for discussions on the latest issues relating to high quality, economical, and efficient test methodologies and designs. In addition to the traditional topics, the 2017 edition of NATW will feature the theme of vehicle electronics. 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
- Design Verification/Validation
- Diagnosis and Debug
- Fault Modeling/Simulation
- FPGA & Embedded Core Testing
- IDDQ Testing
- DFM, Defect Analysis & Defect-Based Testing
- Multi-Chip Module Testing
- Memory & MEMS Testing
- Nanotechnology Testing
- Online 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The Program Committee invites authors to submit original, unpublished papers and panel proposals.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. The submission Web site for NATW 2017 is https://easychair.org/conferences/?conf=natw2017. 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. The 2016 recipients were Eugene Atwood of IBM and Yu Huang of Mentor Graphics, the 2015 recipient was Paul Reuter of Mentor Graphics, the 2014 recipient was Vishwani D. Agrawal of Auburn University, and the 2013 recipient was J.C. Lo of University of Rhode Island.

**Important Dates:** Submission – 03/1/2017 / Notification of acceptance – 04/10/2017 Submission of final papers – 04/24/2017 / Submission of PPT presentations – 05/1/2017

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