

International Conference on Automation, Quality and Testing (AQTR), as an international forum for the R&D exchanges in various fields, gathers together researchers and end-users to discuss the current trends and future directions of control and testing technologies and their industrial and social applications in the private and public sectors. The conference is organized by IEEE Computer Society - Test Technology Technical Council

The conference brought together more than 90 registered participants from different countries, outstanding personalities well recognized in their fields of activity.

The conference was held between 19th to 21st of May 2016 at Technical University of Cluj Napoca, Romania. The conference follows the tradition of the 19 automation and testing-related scientific events, organized in Cluj-Napoca since 1981 under the name THETA/AQTR. The conference has 4 tracks, which are Quality and Testing, Robot control, Modeling and control of chemical processes and lastly Control systems.

Further information about the conference, programs, photos and videos can be seen on the link : <http://www.aqtr.ro/>

At the conference, I presented our paper titled Multiple Control Fault Testing in Digital Systems with High-Level Decision Diagrams authored by Raimund Ubar and Stephen Adeboye Oyeniran. The paper elaborated on a novel concept of test groups which has the goal of proving the correctness of a part of the system's functionality instead of keeping track of fault coverage during test generation as in the traditional case. This method can be regarded as a generalization of the logic level test pair approach for identifying fault-free wires in gate-level networks to a high-level identification of fault-free functional blocks. After presentation of our paper, it was awarded the **best paper** under the testing track.

Apart from presenting our paper at the conference, I also had the opportunity to interact with other participants who are experts both in my current research field and in other fields also. We had the chance to participate in social event which took participants to resort centre which is a newly accessible location with a great view over the Cluj-Napoca area. It is called the **Wonderland Resort** and offered opportunities for entertainment in a green location, above the city.

The conference was of great benefit to me and I look forward to good progress in my research and more opportunities to write and present more papers in more conferences.

OYENIRAN Adeboye Stephen
24th May, 2016