**INTRODUCTION**

Software plays an integral part in our everyday lives today because of its near ubiquitous influence in our increasingly technological society. Therefore, taking appropriate steps to applying software testing techniques is of paramount importance. To promote advanced software testing theory, techniques, and tools, IEEE Reliability Society, collaborating with IEEE International Conference on Software Quality, Reliability, and Security as well as other sponsors host the First International Software Testing Contest on July 26 in Prague, Czech Republic.

**CONTEST GUIDELINES**

All applications have to be submitted before the end of July 20 (CDT). All contestants must bring their own laptops.

The contest has two parts:
- The first part is a 1-hour tutorial in the morning of July 26. During this tutorial, we will help contestants properly configure their laptops, and explain how to use Mooctest.net platform. Each contestant is required to have basic knowledge about Java programming and JUnit.
- The second part is a 3-hour contest where contestants are required to design test cases based on the given specifications to test three Java programs. The quality of these test cases is determined based on the code coverage (statement and branch) and mutation score achieved.

**RUNNING ENVIRONMENT**

The laptop used for this contest must install the following software:
- Java JDK 1.7 (cannot be other JDK versions)
- Eclipse Luna (cannot be other Eclipse versions)
- A working web browser

If you cannot find the installation package of the above software, you can download them from the contest website. We will also help you set up the environment during the Tutorial session.

**HOW TO APPLY**

Please send emails to Ruizhi Gao at youitianzui.nju@gmail.com if you want to apply for this contest. Please provide your first name, last name, and affiliation in the application email.

**AWARDS**

A panel of judges will rank all contestants based on their achieved code coverage and mutation score (detailed evaluation criteria is yet to be decided) and select a grand prize winning contestant that will receive $1,200 US dollars. Contestants in the 2nd-3th place will receive $800 and $500. Contestants in the 4th-10th place will receive $300 US dollars. All contestants may receive a cash support according to their travel expenses. The detailed policy is yet to be determined.

**CONTEST VENUE**

The First International Software Testing Contest will be held at the Czech Technical University in Prague, Faculty of Information Technology (Thákurova 9, 166 00 Praha 6 Czech Republic GPS: 50.105120, 14.390232)

**IMPORTANT DATES**

- July 20, 2017: Application deadline
- July 26, 2017: Tutorial & Contest
- July 27, 2017: Ceremony

**SPONSORS**