**IEEE International
Software Testing Contest**

in conjunction with the Computer Science Department,
University of Texas at Dallas

January 27, 2018
ECSS, UT Dallas

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 apply software testing techniques is of paramount importance. To promote advanced software testing theory, techniques, and tools, the IEEE Reliability Society, in collaboration with the Computer Science Department at the University of Texas at Dallas as well as other sponsors will host an IEEE International Software Testing Contest on Saturday, **January 27, 2018** at UT Dallas. Pizza lunch will be provided.

CONTEST GUIDELINES

All contestants must bring their own laptops. The contest has two parts:
− The first part is a 2-hour tutorial (10am to 12noon). We will help contestants properly configure their laptops, and explain how to use JUnit & Mooctest.net platform. Each contestant is required to have basic knowledge about Java programming. We will serve Pizza for lunch.
− The second part is the contest (1pm−4:30pm). The contest is individual based. Each contestant will design test cases with specific input values based on the given source code and specification to test two Java programs. The quality of test cases will be measured by the code coverage and mutation score achieved.

RUNNING ENVIRONMENT

Laptops used for this contest must have the following software installed:
− Windows 7 or later versions
− Java JDK 1.7 (cannot be other JDK versions)
− Eclipse Luna (cannot be other Eclipse versions)
We will help contestants configure their laptops during the Tutorial session.

REGISTRATION

Register online: bit.ly/test-contest Registration fee is $1 for college students, $5 for high school students (advanced level middle school students are OK too) & $10 for professionals. Paperwork should be completed online at bit.ly/utd-cc-forms for all school students.

AWARD & CERTIFICATE

Awards will be given for School Students & UTD students: The first place receives a cash prize of $300 USD, followed by the 2nd and the 3rd places for $200 USD and $100 USD, respectively. Every contestant will receive a certificate.

CONTEST VENUE

Computer Science Department, ECSS building, 800 West Campbell Road, Richardson, TX 75024, USA

IMPORTANT DATES

◆ Registration deadline: January 20, 2018
◆ Tutorial & Contest: January 27, 2018

INQUIRY

Send inquiries to Professor W. Eric Wong (ewong@utdallas.edu) and Dr. Jey Veerasamy (jeyv@utdallas.edu)

SPONSORS