The IEEE South Alberta Section's Computer Society presents a seminar titled:

An Overview of Software Testing Research at the University of Calgary

Speaker: Dr. Vahid Garousi
Computer Chapter Chair of the IEEE South Alberta Section, and
Assistant Professor of Software Engineering at the University of Calgary

Tuesday, Sept. 27, 2011, 1:40-3 pm
1:40-2:40 Talk
2:40-3:00 Q/A and Networking

LOCATION: University of Lethbridge, Room L 1060
(LINC building, level 10, which is ground level from the bus loop)

(For the campus map and parking locations,
please see www.uleth.ca/campusmap)

COST: Free to everyone. Refreshments will be served.

Abstract:

The speaker is leading a team of graduate students in the University of Calgary specializing on software quality and testing. The speaker and his team have been involved in several research and development–oriented (R&D) software testing projects with local software companies. This session will examine several of those software testing projects. Focus will be given to test techniques and testing tools developed/utilized by the team of researchers and practitioners in these projects. The following selected projects of the team will be briefly presented: (1) Testing a SCADA control software, (2) Results of a recent survey of software testing practices in Alberta, (3) Testing embedded software systems, and (4) how visualization of code (test) coverage would better help testers compared to textual (percentage-base) coverage values.

Speaker's Biography:

Dr. Vahid Garousi is an Assistant Professor of Software Engineering at the Department of Electrical and Computer Engineering of the University of Calgary. He received his PhD in Software Engineering from Carleton University, Ottawa, in 2006. His PhD work was on testing and performance engineering of distributed software systems based on UML models. He received his MSc degree was in Electrical and Computer Engineering from the University of Waterloo in 2003. He earned his software engineering undergraduate degree from Sharif University of Technology in Iran in 2000.

Vahid has been on the program or organization committees of many international, IEEE and ACM conferences. He is a member of the IEEE and the IEEE Computer Society, and is a registered professional engineer in the Canadian province of Alberta. He is also currently the IEEE Computer Chapter Chair of the IEEE Southern Alberta Section. His research interests in software engineering include: model-driven development, software testing and quality assurance, software engineering for computational science and engineering, and search-based software engineering. More details at: http://www.ucalgary.ca/~vgarousi/

Seminar Organizer:

Dr. Robert Benkoczi (robertb@ieee.org), University of Lethbridge. For more information, visit: http://sas.ieee.ca

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