

**Software Technologies Distinguished Lecture Series 2012**

**Florida Gulf Coast University**

**Academic 7 – Auditorium 114**

**March 29, 2012, 6:30-7:30pm**

## **Testing - The Life Blood of Engineering**

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*Abstract.* At the forefront of new technologies such as cloud computing, convergent media or embedded control, breakthrough and unconventional testing approaches are required to assure reliable operation of devices and services. As such, this presentation, will address research problems in testing from a perspective of a recent Ph.D. graduate. Stress Testing, Just-In-Time Testing and Burn-In-Testing are the main approaches that will be covered. Additionally, industry bits of wisdom and testing pitfalls will be addressed, as well as some aspects of graduate school I found important and questions you need to ask yourself when pursuing a professional career.

*Speaker's Bio.* I graduated from University of Central Florida in 2001 with a BSc. in Electrical Engineering. Seeking further knowledge in the software domain, I entered a graduate program and received a MSc. in Computer Engineering from University of Central Florida under advisement of Prof. Janusz Zalewski. After finding out that research is something I enjoy doing, I decided to pursue a Ph.D. degree at Warsaw University of Technology, under advisement of Prof. Janusz Sosnowski. In 2009, I defended my dissertation titled "Dependability Evaluation and Enhancement in Real-Time Embedded Systems." Currently, I am working in diagnostics at AMD.