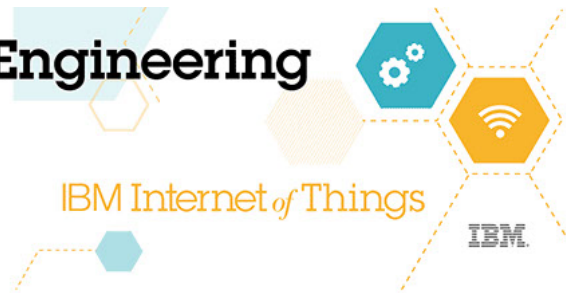# ICE IoT - IBM Continuous Engineering for the Internet of Things

3-4 November, 2015
Westfields Marriott Washington Dulles,
Conference Center Dr, Chantilly, Virginia

IBM Internet *of* Things

IBM

Model-Driven Development for Safe and Secure Software
IBM Continuous Engineering IoT Embedded Security Workshop
Instructor: Dr Bruce Douglass
Date: November 5. Time 8:30AM-12:30PM Room Westscot

Please click here to register.

ABSTRACT
Software is assuming an ever-increasing role in the control of mission critical equipment. This applies to fly-by-wire aircraft, nuclear power plants, industrial control systems, and medical equipment. Despite this trend toward relying on software to provide safe and effective control of hazardous materials and systems, very few opportunities exist for engineers to get training and education in even the basic concepts of dependability engineering. Dependability has three primary aspects – safety (freedom from harm), reliability (availability of services), and security (freedom from intrusion, interference, or theft). This workshop introduces how to perform relevant analyses of dependability, selection of appropriate architecture and design patterns, and verification of dependability.

BIO
Dr. Bruce Powel Douglass is the Chief Evangelist at IBM, where he is a thought leader in the systems space. He has a doctorate in neurocybernetics from the USD Medical School, has over 30 years experience designing safety-critical real-time applications in a variety of hard real-time environments. He has designed and taught courses in agile methods, object-orientation, MDA, realtime systems, and safety-critical systems development, and is the author of over 5000 book pages from a number of technical books including Real-Time UML, Real-Time UML Workshop for Embedded Systems, Real-Time Design Patterns, Doing Hard Time, Real-Time Agility, and Design Patterns for Embedded Systems in C.
If you do not plan to attend the ICE IoT conference, you can still attend this training. Please click on a button to register. ICE IoT attendees will be registered for workshop when they are registering for the conference via a check box.