IEEE-Computer Society
South East Michigan Chapter
presents

Automotive Functional Safety an ISO 26262 perspective

By Rami Debouk, GM R&D

For road vehicles, ISO 26262 is currently the de facto standard for functional safety in the automotive electronics domain. The standard applies to all activities during the safety lifecycle of safety-related systems. At the concept phase of ISO 26262 is the risk assessment process that focuses on possible hazards caused by malfunctioning behavior of E/E safety-related systems and mitigating them through the identification of safety goals. The design phase includes System, Hardware and Software Development; whose requirements are derived from the safety goals. ISO 26262 also prescribes the functional safety management to be followed during the safety lifecycle and does support distributed development.

Space is limited!

To reserve your seat

Kindly register at

https://events.vtools.ieee.org/m/44493/

OR

Send email to
Sharan Kalwani
sharan.kalwani@ieee.org
Phone: (248) 980-UNIX

Dr. Subra Ganesan
ganesan@oakland.edu
Phone: (248) 635-5890

For details, please visit:
http://sites.ieee.org/sem/

IEEE Southeastern Michigan — IEEE computer society

We are grateful to LTU for hosting this technical presentation and providing the space

Rami Debouk is a Staff Researcher at General Motors Global R&D Center in Warren, Michigan, USA which he joined in 2000 after receiving his Ph.D. in Electrical Engineering and Computer Science from the University of Michigan, Ann Arbor. His research interests are in system safety methods and techniques, system of systems, failure diagnosis, and fault tolerant systems.

Rami represents the USA as a Technical Expert in the development of the functional safety – road vehicles standard ISO 26262. He was named the "Engineer of the Year" by the International System Safety Society in 2009 and was the recipient of the 2014 SAE/InterRegs Standards and Regulations Award for his involvement in developing and implementing safety processes and standards since 2001

Date: 11th April 2017
Time: 6:00 to 8:00 PM (EST/EDT)
Location: Room 210 UTLC Gallery,
University Technology and Learning Center Building
Lawrence Tech University,
21000 W 10 Mile Rd, Southfield, MI 48075