



**The Institute of Electrical and Electronics Engineers
(IEEE)
Galveston Bay Section Meeting
Computer Society Chapter**



November 16th, 2017 (Thursday) Luncheon Meeting

TOPIC: “Toyota Killer Firmware”

SPEAKER: Jim Lyssy, Genesis

PRESENTATION:

This talk is an examination of the unintended acceleration issue on mid 2000 model Toyota Scion and Lexus vehicles. The author provides a review of commercial firmware development, including safety considerations and the potential for defects to be passed on to the consumer. Note that the author is not involved with the investigations or legal proceedings associated with this topic, or the production of the system being discussed. He has studied and presents this topic as an interested automation professional.

SPEAKER:

Jim Lyssy has over 30 years of experience as a software/control systems professional. He worked for BJ Software Systems in Friendswood, Texas, as key developer of an early PC Based measurement and control system. Mr. Lyssy also worked for General Dynamics, Ft. Worth on the avionics software for the US Navy project A12 bomber which was canceled in 1991. He is a developer for software based solutions for oil and gas with applications covering production optimization, mid-stream measurement, subsea production, pipeline simulation, and subsea oil production. He is currently a Principal Engineer for Concept Development at Genesis Oil and Gas (TechnipFMC). He provides client's engineer consultation for various applications including subsea production systems, petro chemical systems and big data integration. Mr. Lyssy holds a B.S. in Computer Science from Texas A&M.

Gilruth Recreation Center NASA-JSC, Discovery Room (downstairs)

Free parking. No security processing required. Easy drive in off Space Center Blvd. See website below for map.

Interested non-IEEE engineers, technicians, scientists, IEEE Members and guests alike are welcome!

12:00 PM – 1:00 PM - Program and Q&A

11:30 AM - Light Lunch with reservation (\$10.00 donation). Please RSVP Before Noon Tuesday, Nov 14, 2017

Number of lunches is limited. Please reserve early

Reservations for lunch or to attend this meeting should be made by email to:

d.k.rutishauser@ieee.org

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