



*Cordially invites you to our
Monthly Dinner and Lecture*

Engineering Design: Insights into Highway Bridge and Tunnel Disasters

Honorable Earl F. Weener, PhD, National Transportation Safety Board

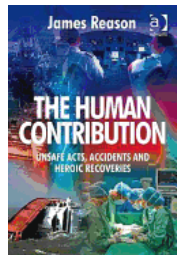
Wednesday, 20 August 2014

6:00 pm–8:00 pm

Presentation: The National Transportation Safety Board, NTSB, is charged with determining the probable cause of transportation accidents, including surface transportation accidents. On August 1st, 2007 the collapse of a bridge on the I-35 Interstate highway in Minneapolis, MN, resulted in thirteen fatalities and injuries to 145 people. On July 10th, 2006 in Boston, MA, a section of suspended concrete ceiling panels in the I-90 Interstate connector tunnel en-route to Logan Airport fell, crushing a vehicle and killing a passenger. The investigations of these two accidents by the NTSB will be discussed with particular emphasis on how engineering errors contributed to the accidents.



Speaker: Honorable Earl F. Weener, PhD is the 41st Member of the National Transportation Safety Board (NTSB). He was nominated by President Obama and confirmed by the U.S. Senate for a term that expires in December, 2015. Prior to serving as a member of NTSB, Dr. Weener was at the Boeing Company for 24 years. While there he held a series of Chief Engineer positions, focusing on Systems Engineering, Reliability and Maintainability, Safety, and Airworthiness. He was also involved with the development of the two-crew 747 flight deck concept and the development of the 757/767 flight decks.



Door Prize

Delicious friendly networking buffet dinner at 6 pm: Grilled BBQ chicken – drumsticks thighs and breasts grilled and brushed with a nice BBQ sauce; roasted red potato wedges; cole slaw and watermelon slices, with garden salad dressing, rolls and butter, dessert, coffee and iced tea.

Dinner Cost: Guests: **\$25**; INCOSE members: **\$20** if payment is received by August 15, 2014, **\$25** afterward. To pay by credit card or PayPal, visit our registration webpage for details: <http://www.incose-cc.org/registration/>.

Location:

Johns Hopkins University
Applied Physics Laboratory
11100 Johns Hopkins Road
Building 1, Parsons Auditorium
Laurel, MD 20723

Corporate Sponsor: We wish to thank the Applied Physics Laboratory for supporting the systems engineering profession through use of their facilities.

Directions

JHU APL

Main Entrance—Building 1
Parsons Auditorium
11100 Johns Hopkins Road
Laurel, Maryland 20723
Phone (443) 778-5000

See APL's Visitor Guide for more information: www.jhuapl.edu/newscenter/visitor/default.asp.

From Washington DC and Capital Beltway (I-495):

Take I-95 North toward Baltimore 10 miles to the Columbia exit (MD Route 32 West),
Go 2.5 miles to the Washington DC exit (US Route 29 South).
Go 1.5 miles south and take the Johns Hopkins Road exit (bear right at the top of the hill).

Or from the Capital Beltway (I-495):

Take US Route 29 North (Colesville Road)
10 miles and follow the signs for the turn onto Johns Hopkins Road.

From Baltimore and Baltimore Beltway (I-695):

Take I-95 South toward Washington DC.
Go 13 miles and take the Columbia exit (MD Route 32 West).
Go 2.5 miles and take the Washington DC exit (US Route 29 South).
Go 1.5 miles south and take the Johns Hopkins Road exit (bear right at the top of the hill).

Once you're on Johns Hopkins Road:

APL is a half-mile west of US Route 29 on your right side. Go past the first entrance, continuing past the pond, and take the next right turn onto a tree-lined lane. Park in the visitor's lot on your left side. Enter at the main entrance marked Building 1 (flagpoles and traffic circle in front).

