

Ford GDI&A winning big at an International Reliability Conference

Applied Reliability & Durability Conference is an international forum that takes place around the world. The topics of the conference are centered on the mathematical and statistical methods used in reliability modeling of engineering systems.

This year's event was attended by Ford, GM, FCA, Honda, Hyundai, Apple, Waymo (Google), General Electric, Boeing, General Dynamics, Delphi, Bosch, Siemens, JPL, NASA – to name a few. **Ford was represented by Dr. Vasily Krivtsov and Dr. Michael Frankstein – both from GDI&A's Reliability Analytics Group.** Vasily and Michael presented their work on "Bayesian Estimation Procedure of Reliability Function for Lifetime Distributions", which was recently published in IJPE (Vol. 13, No. 2, pp. 129-134).



The conference committee evaluates the technical merit of papers and conference attendees vote for the best presentation using the conference app. Based on these two factors, ARDC issues 3 best presentation awards, which are delivered at the gala-dinner on the closing day of the conference.

Among 50+ presentations in three parallel tracks, **Ford's GDI&A won the Silver Award** (beating Google's Waymo which took the 3rd place.) Besides the plaque, the award also includes a financial honorarium issued to the authors.

The image shows a screenshot of the ARDC North America 2017 website's award winners page. At the top, there is a navigation menu with links: "Home", "Full Schedule", "My Schedule", "Attendees", "Presenters", "Partners", "Discussions", and "Ballot". Below the menu is a large heading: "Welcome to the ARDC North America 2017 community!". Underneath the heading are three photographs of award presentations, each labeled with its respective award level: "Bronze", "Silver", and "Gold". Below the photos is a section titled "Congratulations to our Excellent Presentation Award winners!". This section lists the winners for each award level: Gold: "Once Upon a Time-Based Failure Mode: Presenting Reliability Data Effectively" by Melanie Cox (General Electric); Silver: "A Practical Procedure for Bayesian Analysis of Reliability Data" by Vasily Krivtsov and Michael Frankstein (Ford); Bronze: "Reliability of Moonshots" by Celine Geiger and Amrita Lonkar (Waymo). Each entry includes a link to "View presentation details".