

ITSC 2021 Special Session

**Resilient and Secure Navigation for Highly Automated  
Transportation Systems**

**Organizers:** Zaher Kassas, Umit Ozguner, and Joe Khalife

**Date/Time:** September 20, 2021 (Monday) 11:00 AM – 12:30 PM EDT

**Zoom link:** <https://iu.zoom.us/j/82600185214>

**Session Schedule**

**11:00-11:25:** Keynote Presentation by Prof. Chandra Bhat "Predictive Analytics for Transportation in an Emerging PNT World of Ubiquitous Sensing"

**11:25-11:40:** "Autonomous Signal-Situational-Awareness in a Terrestrial Radionavigation System (I)"

**11:40-11:55:** "Methodology for Hazard Identification and Mitigation Strategies Applied to an Overtaking Assistant ADAS (I)"

**11:55-12:10:** "Ground Vehicle Navigation Integrity Monitoring for Multi-Constellation GNSS Fused with Cellular Signals of Opportunity (I)"

**12:10-12:30:** Q&A Panel with Prof. Umit Ozguner, Prof. Zak Kassaas, Prof. Chandra Bhat, Prof. Todd Humphreys, and Dr. Keith Redmill