

KEVIN S. TULLY

CURRICULUM VITAE

EDUCATION:

Stevens Institute of Technology, Hoboken, New Jersey
Bachelor of Engineering in Mechanical Engineering - 1999

Northwestern University, Center for Public Safety, Evanston, Illinois
Certificate Accident Investigation I and II - 2009
Certificate Traffic Accident Reconstruction I - 2009

EXPERIENCE:

1999-2007
Compliance Engineer – Product Compliance, Jaguar Cars North America
Powertrain Engineer – Product Investigation, Jaguar Land Rover North America
Field Service Engineer – Northern Region, Jaguar Land Rover North America

2007-Present
Director, Vehicle Systems Analysis, John Desch Associates, Inc.

PROFESSIONAL AFFILIATIONS:

American Society of Mechanical Engineers
Society of Automotive Engineers
New Jersey Association of Accident Reconstructionists

CERTIFICATIONS/QUALIFICATIONS:

Fully accredited Traffic Accident Reconstructionist
Accreditation Commission for Traffic Accident Reconstruction
A.C.T.A.R. #2228
Certified Crash Data Retrieval Technician and Analyst – Bosch (2009)
Airbag and restraint sensor crash data technology

TRAINING

2006 F³T² Combined Conference (12 Hosting Organizations)

(CATAIR – MATAI – PSFM – SEARS – IAARS – NAPARS – SCAARS – SOARS - NYSTARS – SATAI – WATAI, etc.)

- Crash Tests, Dynamic Deceleration Testing, Tire-Road Friction Related to Drag Sleds, Applicability of Crush Analysis Formulas, Nighttime Perception/Reaction Test, Highway Sightlines for Accident Reconstruction – Houston, TX- September 17-21, 2006.

2007 Combined Conference/Investigating Eccentric Collisions

(NYSTARS – NJAAR – NAPARS – NATARI – MATAI)

- Occupant Kinematics in a Rotational Collision, Injury Patterns, Crash Data Retrieval (CDR) Up-dates, Eccentric Crash Testing - Binghamton, New York – October 24-26, 2007

DriveCam Academy Training Seminar, March 13, 2008

2008 Combined Conference (5 Hosting Organizations)

(NJAAR – NYSTARS – NAPARS – NATARI – MATAI)

- Issues in lateral pole collisions, commercial vehicle event data recorders, critical speed yaw special situations, alcohol/cannabis/stimulants/opiates and driving, airborne analysis, lateral pole crash testing and test data review – Atlantic City, New Jersey – October 15-17, 2008.

2009 Combined Conference (6 Hosting Organizations)

(NAPARS – NATARI – MATAI – NJAAR - NYSTARS - PSFM)

- Heavy vehicle crash reconstruction, commercial motor vehicle electronic data sources and data extraction techniques, analysis of Detroit Diesel (DDDL) reports and MCSAP Internet resources, Conservation of Linear Momentum restrictions regarding heavy vehicles versus passenger vehicle collisions, air brake adjustment and stopping ability of heavy trucks, combining aerial photograph and forensic mapping data, tractor-trailer crash testing – Ocean City, Maryland – October 7-9, 2009.

2010 Combined Conference (6 Hosting Organizations)

(MATAI – NAPARS – NJAAR – NYSTARS – NATARI – PSFM)

“Trailer Underride Collision Reconstruction”

- Side Underride Analysis, Commercial Vehicle Conspicuity System Requirements – Federal MCSAP Regulations, Investigation and Documenting Conspicuity in Side Underride Crashes, Principles of Headlights, Sudden Acceleration Incidents – A Mechanical Perspective, CDR Update Information, Truck Rollover Investigation and Reconstruction, Equivalent Barrier Speed – Kinetic Energy Equivalent Speed – Delta-v and The First Law of Thermodynamics, Reconstructing a Nighttime Crash, Low Light Forensic Photography – Documentation of Evidence at Night, Applications of Aerial and Satellite Imagery in Traffic Accident Reconstruction, Mapping and Diagramming.
- Ocean City, Maryland – October 6-8, 2010.

2011 HVE Forum

- HVE (Human Vehicle Environment) & HVE-2D System Overview; Using EDSVS (Engineering Dynamics Corporation Single Vehicle Simulator) and EDVTS (Engineering Dynamics Corporation Vehicle Trailer Simulator); Using EDSMAC (Engineering Dynamics Corporation Simulation Model of

Automobile Collisions) and EDSMAC4 (EDSMAC, 4th Revision); Using EDCRASH (Engineering Dynamics Corporation Reconstruction of Accident Speeds on the Highway); Heavy Brake Simulation in EDSMAC4; EDSMAC4 (Physics) Model Overview; Simulation Movies: Learning the Basics; Building Vehicles for HVE & HVE-2D.

- Phoenix, Arizona – February 21-25, 2011.