

Human Factors in Traffic Crashes - Analysis of Drivers' Responses



Jeffrey Muttart Ph.D.

Sponsored by the

Southwestern Association of Technical Accident Investigators

**Registration Online at www.satai.com
(members register in "members only" section for discount)**

Dates: Sunday – Thursday (5 days), January 20-24, 2019
Time: 8:00 AM to 5:00 PM
Location: Glendale, Arizona (specific classroom location TBD)

Course Content

- Perception-Response Time
- Response to slow moving or stopped vehicles on multilane high-speed roads
- Nighttime recognition
- Driver decision making
- Research in IDRR
- Gap acceptance for left turns, right turns, and through movements for drivers, riders, and pedestrians
- Pedestrian walking speeds
- Acceleration
- Lateral acceleration (swerving) for cars, motorcycles, and commercial vehicles
- Forward and backward acceleration of cars, motorcycles and commercial vehicles
- Drivers' responses to green and yellow traffic signals, deceleration choice, reaction time and probability of stopping
- Research applications

Instructors: Dr. Jeffrey Muttart and Swaroop Dinakar, Scientist

Registration Fee: SATAI Members: \$900 Non-Members: \$1100

Students will receive a copy of Dr. Muttart's book, "Drivers' Responses in Emergency Situations" and a 3-month trial subscription to I.DRR

Space is limited. Registration for the course may be closed at any time without notice. The course may be cancelled at any time. In the event of a course cancellation, registered students will receive a full refund. Registered students may cancel up to 30 days prior to the first day of the course for a full refund minus applicable PayPal fees. Refunds will be made by check. No refunds will be given for cancellations made fewer than 30 days prior to the first day of the course.