



## ***Conference Agenda***

# Sunday, Oct. 15, 2017

## Student Symposium - 9:00 am - 5:45 pm

Sponsored by Nissan Motor Company

<b>9:00AM - 9:10AM</b>	<b>Welcome - Vinoly Grand Ballroom 1</b>
<b>9:10AM - 12:00PM</b>	<b>Student Presentations: Novel Biomechanics Data and Its Use in Computational Modeling</b> Session Moderators: Scott Gayzik, PhD & Anthony Stein, PhD
<b>9:10AM - 9:30AM</b>	<b>Three-Dimensional Brain Deformation Under Dynamic Head Rotation and Preliminary Assessment of Brain FE Models</b> <i>Jean S. Giudice Vilar, BME, University of Virginia, Charlottesville, VA</i>
<b>9:30AM - 9:50AM</b>	<b>Estimation of Fiber Angles in Intercostal Muscles from Cadaveric Thoraces</b> <i>Yuliia Sednieva, MS, Arts et Metiers ParisTech, France</i>
<b>9:50AM - 10:10AM</b>	<b>Parametric Cervical Spine Model for Rear-End Impact Simulations</b> <i>Roman Bumberger, MS, BS, Loughborough University, United Kingdom</i>
<b>10:10AM - 10:30AM</b>	<b>Evaluating Rib Fracture Risk Using a Probabilistic Approach in Finite Element Frontal Crash Reconstruction</b> <i>Logan Miller, MS, Virginia Tech-Wake Forest University School of Biomedical Engineering and Sciences, Winston-Salem, NC</i>
<b>10:30AM - 11:00AM</b>	<b>Break - Vinoly Grand Ballroom Foyer</b>
<b>11:00AM - 12:00PM</b>	<b>Student Presentations: Populations and Crash Modes of Increased Vulnerability</b>
<b>11:00AM - 11:20AM</b>	<b>Efficacy of Seatbelt Routing Schemes on Newer Booster Child Seats in Simulated Frontal Motor Vehicle Crashes</b> <i>Jalaj Maheshwari, MS, University of Pennsylvania, Philadelphia, PA</i>
<b>11:20AM - 11:40AM</b>	<b>Comparison of WorldSID to PMHS Shoulder-to-Belt Interaction in Far-Side Impact Configurations</b> <i>Daniel Perez-Rapela, MS, University of Virginia, Charlottesville, VA</i>
<b>11:40AM - 12:00PM</b>	<b>Vehicle Safety for Wheelchair Users: The Role of Anthropometry</b> <i>Susana Lopez-Sanchez, MSC, Loughborough University, England</i>
<b>12:00PM - 1:15PM</b>	<b>Lunch - Vinoly Grand Ballroom 2</b>
<b>1:15PM - 3:45PM</b>	<b>Student Presentations: Injury Classification and Epidemiological Studies</b> Session Moderators: Andrew Kemper, PhD & Ashley Weaver, PhD
<b>1:15PM - 1:35PM</b>	<b>Validation of an ICD-9-CM map to AIS 2005 update 2008</b> <i>Kimberly Glerum, BS, The Warren Alpert Medical School of Brown University, Providence, RI</i>
<b>1:35PM - 1:55PM</b>	<b>The Spanish ICU Trauma Registry (RETRAUCI) and its Role Defining the Trauma Patterns</b> <i>Jesus Barea-Mendoza, MD, University Hospital: "12 de Octubre", Spain</i>

<b>1:55PM - 2:15PM</b>	<b>The Relationship Between Emergency Medical Service Response Time and Prehospital Death Following Motor Vehicle Crashes: Rural-Urban Disparities and Implications for Trauma System Performance Improvement</b> <i>James Byrne, MD, University of Toronto, Canada</i>
<b>2:15PM - 2:35PM</b>	<b>Break - Vinoly Grand Ballroom Foyer</b>
<b>2:35PM - 3:45PM</b>	<b>Student Presentations: Lower Extremity and Pedestrian Injury Biomechanics</b>
<b>2:35PM - 2:55PM</b>	<b>Injury and Response Characteristics of the 5th Percentile Female Lower Extremity Under Axial Loading</b> <i>Carolyn Roberts, University of Virginia, Charlottesville, VA</i>
<b>2:55PM - 3:15PM</b>	<b>Detailed Finite Element Model of a 50th Percentile Male for Simulating Pedestrian Accidents</b> <i>Wansoo Pak, Virginia Tech, Blacksburg, VA</i>
<b>3:15PM - 3:35 PM</b>	<b>Response of the Knee Joint to Translational and Bending Loads</b> <i>Zhaonan Sun, BSC, University of Virginia, Charlottesville, VA</i>
<b>3:35PM - 3:45PM</b>	<b>Break - Vinoly Grand Ballroom Foyer</b>
<b>3:45PM - 5:45PM</b>	<b>Mentoring Session - Vinoly Grand Ballroom 2</b>
<b>6:30PM</b>	<b>Welcome Reception - Silk Road 1</b>

# Monday, Oct. 16, 2017

Main Conference - 7:30 am - 4:30 pm

7:30AM - 8:00AM	<b>Continental Breakfast</b> - Vinoly Grand Ballroom Foyer
8:00AM - 8:10AM	<b>Welcome Address</b> - Vinoly Grand Ballroom
8:10AM - 9:00AM	<b>Keynote Address by Michiel van Ratingen PhD, PDEng, Msc</b> <i>Secretary General, European New Car Assessment Programme - For Safer Cars</i> <b>New Frontiers in Vehicle Safety: From Vehicle Crashworthiness to Automation</b> <i>Session Moderator: Matt Maltese, PhD</i>
<b>Epidemiology</b> <i>Session Moderators: Gary Milavetz, PharmD, FCCP, FAPhA, DrPH &amp; Carl Soderstrom, MD</i>	
9:00AM - 9:20AM	<b>① Effectiveness of Lowering the Blood Alcohol Concentration (BAC) Limit for Driving from .10 to .08 in the United States</b> <i>Author: James Fell MS, National Opinion Research Center (NORC) at the University of Chicago, Chicago, IL</i> <i>Co-Author: Michael Scherer</i>
9:20AM - 9:40AM	<b>② Burden of Road Traffic Injuries Related to Delays in Implementing Safety Belt Laws in Low- and Lower-Middle-Income Countries</b> <i>Author: Louis Rachid Salmi MD PhD, Centre INSERM Bordeaux Population Health (Injury Epidemiology, Transportation, Occupation Team), University de Bordeaux, Bordeaux, France</i> <i>Co-Authors: Aurélie Martin; Emmanuel Lagarde</i>
9:40AM - 10:00AM	<b>③ The Effectiveness of Child Restraint and Seat-Belt Legislation in Reducing Child Injuries: the Case of Serbia</b> <i>Author: Jose Ignacio Nazif-Muñoz PhD MA, McGill University, Quebec, Canada</i> <i>Co-Author: Nenad Nikolic</i>
10:00AM - 10:20AM	<b>④ An Insight of WHO Accident Database by Cluster Analysis with Self Organizing Map (SOM)</b> <i>Author: Chinmoy Pal, Dr Engg, Nissan Motor Company LTD, Kanagaw, Japan</i> <i>Co-Authors: Shigeru Hirayama; Narahari Sangolla, K. Vimalathithan; Jeyabharath Manoharan, Prakash Gopinath</i>
10:20AM - 10:30AM	<b>⑤ Novel Method of Estimating AROC Using an Injury Risk Curve for Biomechanical Injury Metric Selection</b> <i>Author: Alexander Baker MS, Wake Forest Center for Injury Biomechanics, Winston-Salem, NC</i> <i>Co-Authors: F. Scott Gayzik; Fang-Chi Hsu</i>
10:30 AM - 10:50AM	<b>Break</b> - Vinoly Grand Ballroom Foyer
10:50AM - 11:00AM	<b>⑥ Evaluation of a Combination of Community Initiatives to Reduce Driving While Intoxicated and Other Alcohol-Related Harm</b> <i>Author: James Fell MS, National Opinion Research Center at the University of Chicago, Chicago, IL</i> <i>Co-Author: Erin Tanenbaum</i>

<b>11:00AM - 11:10AM</b>	<b>7 The Extent of Backover Collisions Internationally</b> Author: Brian Fildes PhD, <i>Monash University Accident Research Centre, Monash University, Melbourne, Australia</i> Co-Author: Michael Keall
<b>11:10AM - 11:20AM</b>	<b>8 Using Medico-Legal Data to Investigate Fatal Older Road User Crash Circumstances and Risk Factors</b> Author: Sjaan Koppel BA BAppSc PhD, <i>Monash University Accident Research Centre, Monash University, Melbourne, Australia</i> Co-Authors: Lyndal Bugeja; Daisy Smith; Ashne Lamb; Jeremy Dwyer; Michael Fitzharris; Stuart Newstead; Angelo DâElia; Judith Charlton
<b>11:20AM - 11:30AM</b>	<b>9 Association of Cell Phone Bans with Fatal Crashes Among Young Drivers</b> Author: Sijun Shen PhD, <i>The Research Institute at Nationwide Children's Hospital, Columbus, OH</i> Co-Author: Toni Rudisill
<b>Biomechanics</b> Session Moderators: Jason Forman, PhD & Amanda Agnew, PhD	
<b>11:30AM - 11:50AM</b>	<b>10 Numerical Investigation of Driver Lower Extremity Injuries in Finite Element Frontal Crash Reconstruction</b> Author: Xin Ye, <i>Wake Forest University, Winston-Salem, NC</i> Co-Authors: James Gaewsky; Logan Miller; Derek Jones; Mireille Kelley; Jeffrey Suhey; Bharath Koya; Joel D. Stitzel; Ashley Weaver
<b>11:50AM - 12:00PM</b>	<b>11 A Preliminary Study of Human Model Head and Neck Response to Frontal Loading in Non-Traditional Occupant Seating Configurations</b> Author: Scott Gayzik PhD, <i>Wake Forest University School of Medicine, Winston-Salem, NC</i> Co-Authors: Bharath Koya; Matthew L. Davis
<b>12:00PM - 1:00PM</b>	<b>Lunch - Silk Road 1</b>
<b>Biomechanics cont.</b>	
<b>1:00PM - 1:20PM</b>	<b>12 Influence of Morphological Variations on Cervical Spine Segmental Responses from Inertial Loading</b> Author: Daniel John Jobin, <i>Medical College of Wisconsin, Milwaukee, WI</i> Co-Authors: Mike Arun; Saravanakumar Gurunathan; Narayan Yoganandan
<b>1:20PM - 1:40PM</b>	<b>13 Failed Rib Region Prediction in a Human Body Model During Crash Events with Pre-Crash Braking</b> Author: Berkan Guleyupoglu MS, <i>Wake Forest University School of Medicine, Winston-Salem, NC</i> Co-Authors: Ryan Barnard; Bharath Koya; F. Scott Gayzik
<b>1:40PM - 2:00PM</b>	<b>14 Initial Analysis of Archived Non-Human Primate Frontal and Rear Impact Data from the Biodynamics Data Resource</b> Author: Ardyn Olszko MS, <i>U.S. Army Aeromedical Research Laboratory, Fort Rucker, AL</i> Co-Authors: Christine Beltran; Kimberly Vasquez; James McGhee; Valeta Chancey; Narayan Yoganandan, Frank Pintar

2:00PM - 2:20PM	<p><b>15 Occupant Kinematics of the Hybrid III, THOR-M, and Post-Mortem Human Surrogates Under Various Restraint Conditions in Full-Scale Frontal Sled Tests</b></p> <p>Author: Devon Albert, <i>Virginia Tech, Blacksburg, VA</i>  Co-Authors: Stephanie Beeman; Andrew Kemper</p>
2:20PM - 2:40PM	<p><b>16 Kinematics and Dynamic Responses of Young and Elderly Occupants in Low-Speed Frontal Tests</b></p> <p>Author: Francisco Lopez-Valdes PhD, <i>Universidad de Zaragoza, Zaragoza, Spain</i>  Co-Authors: Oscar Juste-Lorente; Ana Lorente; Ana Piqueras; Asta Danauskienė; Julia Muehlbauer; Ioannis Symeonidis; Mario Maza-Frechin; Steffen Peldschus; <a href="#">Sylvia Schick</a></p>
2:40PM - 3:00PM	<p><b>17 Injury Risk Functions Based on Population-Based Finite Element Model Responses: Application to Femurs Under Dynamic Three-Point Bending</b></p> <p>Author: Gwansik Park PhD Candidate, <i>Mechanical and Aerospace Engineering, Center for Applied Biomechanics, University of Virginia, Charlottesville, VA</i>  Co-Authors: <a href="#">Jason Forman</a>; Taewung Kim; Matthew Panzer; Jeff Crandall</p>
3:00PM - 3:10PM	<p><b>18 Trunk Muscle Recruitment Patterns in Simulated Pre-Crash Events</b></p> <p>Author: Jóna Marín Ólafsdóttir MSc, <i>Chalmers University of Technology, Gorthenberg, Sweden</i>  Co-Authors: Jason B. Fice; Daniel W. H. Mang; Karin Brodin; Johan Davidsson; Jean-Sebastien Blouin; Gunter P. Siegmund</p>
3:10PM - 3:30PM	<b>Break - Vinoly Grand Ballroom Foyer</b>
<b>Occupant Protection</b>	<i>Session Moderators: Shayn Martin, MD</i>
3:30PM - 3:50PM	<p><b>19 Comparison of Three-Point Belt Fit Between Humans and ATDs in Rear Seats</b></p> <p>Author: Matthew Reed PhD, <i>University of Michigan, Ann Arbor, MI</i>  Co-Authors: Jangwoon Park; Sheila Ebert-Hamilton</p>
3:50PM - 4:10PM	<p><b>20 Does Obesity Affect the Position of Seat Belt Loading in Occupants Involved in Real-World Motor Vehicle Collisions?</b></p> <p>Author: Thomas Hartka MD MS, <i>University of Virginia, Charlottesville, VA</i>  Co-Authors: Hannah Carr; Brittany Smith; Monica Melmer; Mark Sochor</p>
4:10PM - 4:30PM	<p><b>21 Active Muscle Response Contributes to Increased Injury Risk of Lower Extremity in Occupant-Knee Airbag Interaction</b></p> <p>Author: Bingbing Nie PhD, <i>University of Virginia Center for Applied Biomechanics, Charlottesville, VA</i>  Co-Authors: Xin Ye; Deepak Sathyanarayan; Jeff Crandall; Matthew Panzer</p>
4:30PM	<b>Adjourn</b>

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# Tuesday, Oct. 17, 2017

Main Conference - 8:00 am - 3:30 pm

8:00AM - 8:30AM	Continental Breakfast - <i>Vinoly Grand Ballroom Foyer</i> New Members Breakfast - <i>Rafael 1</i>
8:30AM - 9:30AM	Keynote Address by Shawn Marshall, MD, MSc, FRCPC - <i>Vinoly Grand Ballroom</i> Specialist, Physical Medicine and Rehabilitation and full Professor and Division Head of Physical Medicine and Rehabilitation at the <i>University of Ottawa, Canada, and the Ottawa Hospital</i> <b>Candrive Prospective Older Driver Study: Progress Towards the Development of an Older Driver Risk Stratification Tool</b> Session Moderator: <i>Jamie Dow, MD, MBA</i>
Behavioral and Naturalistic Studies Session Moderator: <i>Jamie Dow, MD, MBA</i>	
9:30AM - 9:50AM	<b>22 Using Naturalistic Driving Data to Better Understand the Driving Exposure and Patterns of Older Drivers</b> Author: Lisa Molnar PhD, <i>University of Michigan Transportation Research Institute (UMTRI), Ann Arbor, MI</i> Co-Authors: David Eby; Scott Bogard; David LeBlanc; Jennifer S. Zakrajsek
9:50AM - 10:10AM	<b>23 Analysis of Near Crashes Among Novice Teen, Young Adult, and Experienced Adult Drivers Using the SHRP2 Naturalistic Driving Study</b> Author: Thomas Seacrist MS, <i>The Children's Hospital of Philadelphia, Center for Child Injury Prevention Studies, Philadelphia, PA</i> Co-Authors: James Megariotis; Abhiti Prabahar; Abyaad Kashem; Ayya Elzarka; Leora Haber; Taryn MacKinney; Helen Loeb
10:10AM - 10:30AM	<b>24 Evaluating Drugged Driving: Effects of Pain and Anxiety Medications</b> Author: Timothy Brown PhD, <i>National Advanced Driving Simulator, Iowa City, IA</i> Co-Authors: Gary Milavetz; Gary Gaffney; Andrew Spurgin
10:30AM - 10:40AM	<b>25 Driving Style Indicator Using UDRIVE NDS Data</b> Author: Laurette Guyonvarch PhD, <i>LAB Renault - Groupe Peugeot, Nanterre, France</i> Co-Authors: Thierry Hermitte; Clement Val; Frederic Duvivier
10:40AM - 11:00AM	Break - <i>Vinoly Grand Ballroom Foyer</i>
Advanced Driver Assistance Systems Session Moderators: <i>Richard Frampton, PhD &amp; Jason Hallman, PhD</i>	
11:00AM - 11:20AM	<b>26 An Evaluation of the Real-World Safety Effect of a Lane Change Driver Support System and Characteristics of Lane-Change Crashes Based on Insurance Claims Data.</b> Author: Irene Isaksson-Hellman Ph Lic, <i>If P&amp;C Insurance, Gothenburg, Sweden</i> Co-Author: Magdalena Lindman
11:20AM - 11:40AM	<b>27 Comparison of Outlier Heartbeats Identification and Spectral Transformation Strategies for Deriving Heart Rate Variability Indices for Drivers in Different Stages of Sleepiness</b> Author: Stefan Candefjord, <i>SAFER Vehicle and Traffic Safety Centre at Chalmers University of Technology, Gothenburg, Sweden</i> Co-Authors: Fabio Forcolin; Ruben Buendia; Johan Karlsson; Bengt Arne; Anna Anund



11:40AM - 12:00PM	<p><b>28 Advanced Driver Assistance Systems for Teen Drivers: Teen and Parent Impressions, Perceived Need, and Intervention Preferences</b></p> <p>Author: Eve Weiss MS, <i>The Children's Hospital of Philadelphia, Center for Child Injury Prevention Studies, Philadelphia, PA</i>  Co-Authors: Megan Fisher Thiel; Nahida Sultana; <u>Thomas Seacrist</u></p>
12:00PM - 1:00PM	<b>Lunch - Vinoly Grand Ballroom Foyer</b>
<b>Child Occupant Protection</b> Session Moderators: Matt Maltese, PhD & Rachid Salmi, MD, PhD	
1:00PM - 1:20PM	<p><b>29 Frontal and Oblique Crash Tests of HIII6y Child ATD Using Real-World, Observed Child Passenger Postures</b></p> <p>Author: Katarina Bohman PhD, <i>Autoliv Research, Sweden</i>  Co-Authors: Helen Loeb; Judith Charlton; Sjaan Koppel; Suzanne Cross; <u>Kristy Arbogast</u></p>
1:20PM - 1:40PM	<p><b>30 Kinematics and Shoulder Belt Engagement of Children on Belt-Positioning Boosters During Evasive Steering Maneuvers</b></p> <p>Author: Gretchen Baker, <i>Chalmers University of Technology, Gothenburg, Sweden</i>  Co-Authors: Isabelle Stockman; Katarina Bohman; Lotta Jakobsson; Anna-Lisa Osvalder; Mats Svensson; Maria Wimmerstedt</p>
1:40PM - 2:00PM	<p><b>31 The Influence of Child Restraint Lower Attachment Method on Protection Offered by Forward Facing Child Restraint Systems in Oblique Loading Conditions</b></p> <p>Author: Hans Hauschild MS, <i>Medical College of Wisconsin, Milwaukee, WI</i>  Co-Authors: John Humm; Kristy Arbogast; Matthew Maltese; Frank Pintar; Narayan Yoganandan; Bruce Kaufman</p>
2:00PM - 2:20PM	<p><b>32 Top Tether Effectiveness During Side Impacts</b></p> <p>Author: Yun-Seok Kang PhD, <i>The Ohio State University, Columbus, OH</i>  Co-Authors: Jordan Majstorovic; Julie Bing; Eric Dahle; John Bolte</p>
2:20PM - 2:40PM	<p><b>33 Effectiveness of Booster Child Restraint Systems in Nearside Motor Vehicle Crashes with and without Side Curtain Airbags</b></p> <p>Author: Aditya Belwadi MS PhD, <i>Center for Injury Research and Prevention, Philadelphia, PA</i>  Co-Authors: Todd Hullfish; Jalaj Maheshwari; Benjamin Varone; Alicia Abraczinskas; Richard Hanna</p>
2:40PM - 2:50PM	<p><b>34 Trends in Child Passenger Safety Practices in Indiana from 2009-2015</b></p> <p>Author: Joseph O'Neil MD MPH, <i>Riley Hospital for Children, Automotive Safety Program, Indianapolis, IN</i>  Co-Author: <u>Marilyn J. Bull, MD</u></p>
2:50PM - 3:30PM	<b>Business Meeting - Vinoly Grand Ballroom</b>
6:30PM	<b>Recognition Dinner - Vinoly Grand Ballroom</b>

# Wednesday, Oct. 18, 2017

Main Conference - 7:30 am - 12:00 pm

## Schedule of Events

7:30AM - 8:00AM	<b>Continental Breakfast - Vinoly Grand Ballroom Foyer</b>
8:00AM - 9:00AM	<b>Keynote Address by The Honorable T. Bella Dinh-Zarr, PhD, MPH</b> Board Member, <i>National Transportation Safety Board (NTSB)</i> <b>Before, During, and After the Crash: Advancing Safety at the NTSB</b> Session Moderator: Jim Fell, MS
<b>Pedestrian and Motorcycle Crashes</b> Session Moderators: Jim Fell, MS & Hans W. Hauschild, MS	
9:00AM - 9:20AM	<b>35 Injury Analysis of Patients According to Impact Patterns Involved in Pedestrian Traffic Crashes</b> Author: Hee Young Lee PhD Course, <i>Yonsei University Wonju College of Medicine, Gangwon, Republic of Korea</i> Co-Authors: Jeong Il Lee; Chan Young Kang; Joon Seok Kong; Sil Sung; In Hye Kang; Jung Hun Lee; Kang Hyun Lee; Hyun Youk; Young Han Youn; Jong Chan Park
9:20AM - 9:40AM	<b>36 Oblique Impact Response of Elastomeric Damper Matrix Helmets</b> Author: Tyler Shaw MS, <i>Collision and Injury Dynamics, Los Angeles, CA</i> Co-Authors: Dave Thom; Terry Smith
9:40AM - 10:00AM	<b>37 Differences in the Protective Capabilities of Bicycle Helmets in Real-World and Standard-Specified Impact Scenarios</b> Author: Megan Bland BS, <i>Virginia Tech, Blacksburg, VA</i> Co-Authors: David Zuby; Becky Mueller; Steven Rowson
10:00AM - 10:20AM	<b>38 Observation of Cyclist Exposure to Car Doors and Latent Impact Speed: A Case Study in Melbourne, Australia</b> Author: Brendan Lawrence PhD Student, <i>Accident Research Centre, Monash University, Melbourne, Australia</i> Co-Authors: David Logan; Jennie Oxley; Mark Stevenson
10:20AM - 10:40AM	<b>Break - Vinoly Grand Ballroom Foyer</b>
<b>Coding, Injuries and Outcomes</b> Session Moderators: Dustin Petersen, MD, MPH & Carl Schulman, MD	
10:40AM - 11:00AM	<b>39 The Effects of Collision Type and Crush Extent on the Occupant's Abdominal Injury in Motor Vehicle Accidents</b> Author: ChanYoung Kang Master Course, <i>Yonsei University Wonju College of Medicine, Gangwon, Republic of Korea</i> Co-Authors: Kang Hyun Lee; Oh Hyun Kim; Hyun Youk; Hee Young Lee; Jung Hun Lee; Sil Sung; Joon Seok Kong; Ho Jung Kim; Sang-Chul Kim; Younghan Youn
11:00AM - 11:20AM	<b>40 AIS Scores in Spine and Spinal Cord Trauma: Epidemiological Considerations</b> Author: Dennis Maiman MD PhD, <i>Medical College of Wisconsin, Milwaukee, WI</i> Co-Authors: Waqar Malik; Narayan Yoganandan; Frank Pintar

11:20AM - 11:30AM	<b>41 Functional Outcomes of Thoracic Injuries in Pediatric and Adult Occupants</b> Author: Ashley Weaver PhD, <i>Wake Forest University School of Medicine, Winston-Salem, NC</i> Co-Authors: Samantha Schoell; Jennifer Talton; Ryan Barnard; Joel Stitzel; Mark Zonfrillo
11:30AM - 11:40AM	<b>42 Quality of Head Injury Coding from Autopsy Reports with AIS © 2005 Update 2008</b> Author: Sylvia Schick MD MPH, <i>LMU, Institute of Legal Medicine, Munich, Germany</i> Co-Authors: Anton Humrich; Matthew Graw
11:40AM - 11:50AM	<b>43 Improvement of Injury Severity Prediction (ISP) of AACN During On-Site Triage Using Vehicle Deformation Pattern for Car to Car (C2C) Side Impacts</b> Author: Chinmoy Pal, Dr. Engg, <i>Nissan Motor Company LTD, Kanagaw, Japan</i> Co-Authors: Shigeru Hirayama, Manoharan Jeyabharath, Gopinath Prakash, Vimalathithan Kulothungan, John Combest; <u>Sangolla Narahari</u>
11:50AM - 12:00PM	<b>Closing Remarks</b>
12:00PM	<b>Adjourn</b>

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