

# Preliminary Technical Program at-a-Glance | 27th ESV

THEME – Enhanced and Equitable Vehicle Safety for All: Toward the next 50 years

## Monday | April 3

08:30 - 09:30am | Registration / Coffee 09:30 - 11:45am | **Opening Ceremony G5-G6**  
U.S. Government Awards Government Status Reports **G5-G6**

11:45 - 11:50am | Procession to Exhibit  
11:50 - 5:30pm | **Exhibition**  
**Opening Ceremony G1-G4**  
**12:00 - 1:00pm | Lunch**  
1:00 - 2:30pm | **Plenary Panel**  
**Aging society**  
**Location TBD**

**2:30 - 3:00pm | Refreshment Break**

3:00 - 4:00pm | **Special Session 1**  
**Vehicle**  
**Cybersecurity**  
**Location TBD**

**4:00 - 4:30pm | Refreshment Break**

4:30 - 5:30pm | **Special Session 2**  
**Safe Systems**  
**Approach**  
**Location TBD**

6:30 - 8:30pm | **Welcome Reception G7-G8**

## Tuesday | April 4

08:30 - 09:30am | Registration / Coffee  
09:30 - 5:30pm | **Exhibition G1-G4**

**09:30 - 12:30pm | Morning Sessions**

**A**  
Protection of Vulnerable Road Users and Child Occupants  
**Chair: Suzanne Tylko (Canada)**  
**Co-Chair: Yasuhiro Matsui (Japan)**

**Location TBD**

**B**  
Safety Performance in Frontal and Rear Crashes  
**Chair: Stephen Summers (United States)**  
**Co-Chair: Younghan Youn (Korea)**

**Location TBD**

**C**  
Active Safety Systems for Crash Avoidance: New Systems and Technologies  
**Chair: Jost Gail (Germany)**  
**Co-Chair: Genya Abe (Japan)**

**Location TBD**

**12:30 - 2:00pm | Lunch G1-G4**

**2:00 - 6:00pm | Afternoon Sessions**

**A**  
Advances in Experimental and Mathematical Biomechanics and Human Injury Research  
**Chair: Matt Craig (United States)**  
**Co-Chair: André Eggers (Germany)**

**Location TBD**

## Wednesday | April 5

08:30 - 09:30 | Registration / Coffee  
09:30 - 5:00 | **Exhibition G1-G4**

**09:30 - 12:30pm | Morning Sessions**

**A**  
Advances in Crash Test Dummies, Instrumentation, and Data Analysis  
**Chair: Kevin Moorhouse (United States)**  
**Co-Chair: Atsuhiko Konosu (Japan)**

**Location TBD**

**B**  
One Step Ahead Integrated Vehicle Safety Technologies  
**Chair: Jac Wismans (The Netherlands)**  
**Co-Chair: Matteo Rizzi (Sweden)**

**Location TBD**

**C**  
Human Factors Considerations for ADAS and ADS Technologies  
**Chair: Peter Burns (Canada)**  
**Co-Chair: Stacy Balk (United States)**

**Location TBD**

**12:30 - 2:00pm | Lunch G1-G4**

**2:00 - 6:00pm | Afternoon Sessions**

**A**  
Student Safety Technology Design Competition. Finalist Oral Presentations  
**Whitney Tatem (United States)**  
**Peter Striekwold (The Netherlands)**

**Location TBD**

## Thursday | April 6

08:00 - 08:30 | Registration / Coffee  
09:30 - 12:30 | **Exhibition G1-G4**

**09:30 - 12:30pm | Morning Sessions**

**A**  
Developing and Adapting Safety Assessment Approaches for Vehicles with ADS (SAE Levels 3, 4 and 5)  
**Chair: Peter Striekwold (The Netherlands)**  
**Co-Chair: Toshiya Hirose (Japan)**

**Location TBD**

**B**  
Restraint System Design and Performance Challenges: Addressing the Needs of Diverse Populations (Age, Gender, Stature)  
**Chair: Jim Hand (United Kingdom)**  
**Co-Chair: Nils Lubbe (Sweden)**

**Location TBD**

**C**  
New and Improved Field Data Collection, Analysis, and Benefits Assessment Methods  
**Chair: Rikard Fredriksson (Sweden)**  
**Co-Chair: Tetsuya Niikuni (Japan)**

**Location TBD**

12:30 - 1:00pm | Closing Ceremony/ Student Competition Winners

**1:00 - 2:00pm | Boxed Lunch G1-G4**

2:00 - 6:00pm | Field Trips/Optional Tours/**Location TBD**

This is a tentative program schedule (subject to change by ESV Organizers).

1 - 27th International Technical Conference on the Enhanced Safety of Vehicles (ESV) April 3-6, 2023

PACIFICO Yokohama North | Yokohama, Japan

**Friday | April 7**

09:00 - 4:00pm | **Optional Tours - TBD**

<b>B</b>	<p>Safety Performance in Side Impact and Rollover Crashes  <b>Chair: Thomas Belcher (Australia)</b>  <b>Co-Chair: Cecilia Sunnevang (Sweden)</b></p> <p style="color: red;"><b>Location TBD</b></p>	<b>B</b>	<p>Consumer-Focused Approaches to Promote Vehicle Safety in the Automotive Market  <b>Chair: Andre Seeck (Germany)</b>  <b>Co-Chair: Michiel van Ratingen (The Netherlands)</b></p> <p style="color: red;"><b>Location TBD</b></p>
<b>C</b>	<p>Driving Automation Systems: Product Evolution; Safety Performance Assessment; and Real-World Deployment Challenges  <b>Chair: Lori Summers (United States)</b>  <b>Co-Chair: Philippe Vezin (France)</b></p> <p style="color: red;"><b>Location TBD</b></p>	<b>C</b>	<p>Opportunities and Challenges of Applying Artificial Intelligence (AI) and Machine Learning Techniques to Enhance Vehicle Safety.  <b>Chair: Marcus Wisch (Germany)</b>  <b>Co-Chair: Dee Williams (United States)</b></p> <p style="color: red;"><b>Location TBD</b></p>
			<p>7:00 - 11:30pm   <b>Gala Dinner</b>  <b>The Yokohama Bay Hotel, Tokyu, Queen's Grand Ballroom</b></p>

**CONFERENCE LOCATION/ROOMS**

Opening Ceremony **G5-G6**  
 U.S. Government Awards **G5-G6**  
 Government Status Reports **G5-G6**  
 Lunch **G1-G4**  
 Welcome Reception **G7-G8**  
 Gala Dinner **The Yokohama Bay Hotel, Tokyu, Queen's Grand Ballroom**  
 Plenary Panel **TBD**  
 Special Session 1 **TBD**  
 Special Session 2 **TBD**  
 Exhibition Hall **G1-G4**

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