



# RCAR Technical Program 2016

Lotte Hotel World, Seoul, Korea

September 26 - 30, 2016

**Monday, September 26, 2016**

## DAY 1

### Session 1 9:00 – 10:30

9:00	Explanation of the Program	Jin Ho Park
9:05	Welcome and Opening Remarks	Soo Bong Kim
9:10	Summary of Steering Committee Meeting	Robert McDonald
9:40	Secretary General's Report	Wilf Bedard
10:10	Introducing CIRI: An Overview	Yifan Tong
10:30	<b>Break for Refreshments (30 minutes)</b>	

### Session 2 11:00 – 12:00

#### **Theme 1: Futuristic Vehicles such as Autonomous & Connected Vehicles & their Impact on Motor Insurance**

11:00	Introduction by Theme 1 Moderator	Christoph Lauterwasser
11:20	Autonomous Vehicles: A Canadian Perspective	Shayon Mitra -- MPI
11:40	Autonomous Vehicle Preparation in Australia	Robert McDonald -- IAG
12:00	<b>Lunch (60 minutes)</b>	

### Session 3 13:00 – 14:20

13:00	The Trend of Autonomous Vehicles in Korea	Guan Hee Kim -- KART
13:20	Future Mobility Scenarios, Connected Cars & Infrastructure	Frank Leimbach -- KTI
13:40	Data Storage for Highly Automated Vehicles	Christoph Lauterwasser -- AZT
14:00	From ADAS Towards Autonomous Vehicles	Gerald Beese -- KTI
14:20	<b>Break for Refreshments (30 minutes)</b>	

### Session 4 14:50 – 16:10

14:50	Discussion & Summary	Christoph Lauterwasser
15:10	Lighting Device Criteria for CZ Certification	Jesus Carcas -- CZ
15:30	Aftermarket Parts Working Group: Chairman's Report	Jesus Carcas
15:50	IIWPG Working Group: Chairman's Report	Adrian Lund

### 16:10 END OF DAY 1

## Tuesday, September 27, 2016

### DAY 2

#### Session 5 9:00 – 10:10

#### Theme 2: Repair Challenges & Repair Methods

9:00	Introduction by Theme 2 Moderator	Mark Woiron
9:10	Boron Steel B-Pillar Section Aligned to Thatcham Repair of 2015	Mark Woiron -- Allstate
9:30	The Repair Method for Outer Door Panels	Seung Su Kang -- KART
9:50	Carbon Fibre Repair	Ignacio Juarez -- CESVIMAP

#### 10:10 Break for Refreshments (30 minutes)

#### Session 6 10:40 – 12:00

10:40	Comparison of Structural Rivets	Mark Woiron -- Allstate
11:00	2016 Mercedes-Benz C300: Report on ADAS Functional Concerns due to Manufacturing Issue	Steve Schmidt -- State Farm
11:20	Hyundai Genesis Coupe Rail Replacement Process	Mark Woiron -- Allstate
11:40	Aluminium Ford F150: Repairability Research Study	Cameron Huber -- MPI

#### 12:00 Lunch (60 minutes)

#### Session 7 13:00 – 15:20

13:00	ADAS Calibration Post Windscreen Replacement	Andy Walker -- Thatcham
13:20	Repairability Working Group: Chairman's Report	Mark Woiron
13:40	Damageability Working Group: Chairman's Report	Carsten Reinkemeyer
14:00	Discussion and Summary	Mark Woiron

#### General Presentations (Part I)

14:20	Analysis of Whiplash Associated Disorder Claims Using Real-World Data Retrieved From Event Data Recorders	Bettina Zahnd -- AXA
14:40	New Shareholding, New Roadmap	Christophe Petrynka -- CESVI France
15:00	Introduction of Pay-as-you-Speed Insurance	Anders Kullgren--Folksam

#### 15:20 Break for Refreshments (30 minutes)

#### Session 8 15:50 – 16:50

15:50	Development of China's New Energy Vehicles & Impact on Motor Insurance	Yifan Tong -- CIRI
16:10	Headlamps & On-Road Illumination	Adrian Lund -- IIHS
16:30	In-Depth Study on Fatalities in Frontal Crashes for Improvement of Korean-NCAP	Seong Woo Hong -- Samsung

#### 16:50 END OF DAY 2

## Thursday, September 29, 2016

### DAY 3

#### Session 9 9:00 – 10:20

#### Theme 3: The Impact of ADAS on Motor Insurance

9:00	Introduction by Theme 3 Moderator	Colin Grover
9:20	Cesvi France: Studies on ADAS System	Nadia Bestaoui – CESVI France
9:40	Fitment Rates of ADAS in Sweden	Anders Kullgren -- Folksam
10:00	Effectiveness of ADAS on Motor Insurance	Andrea Mondini -- Generali

#### 10:20 Break for Refreshments (30 minutes)

#### Session 10 10:50 – 12:10

10:50	A Study on the Japanese Situation: Varying Methods for ADAS Calibration	Uichiro Kimura -- JKC
11:10	AEB Target Vehicle & Target Optimization	Robert McDonald -- IAG
11:30	CESVIMAP's Experience with Calibration	Ignacio Juarez -- CESVIMAP
11:50	Front Crash Prevention Systems: Effects on Insurance Losses & Police-Reported Crashes, Consumer Testing & Timelines for Adoption in the US Fleet	Matthew Moore -- IIHS

#### 12:10 Lunch (60 minutes)

#### Session 11 13:10 – 14:30

13:10	ADAS in Canada: OEM & Aftermarket Calibration	Cameron Huber -- MPI
13:30	Reverse Auto-Brake Test Procedure Acceptance & P-Safe Working Group: Chairman's Report	Colin Grover
13:50	Discussion and Summary	Colin Grover

#### General Presentations (Part II)

14:10	New Test Methods for Black Boxes	Velerio Matarrese -- Generali
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#### 14:30 Break for Refreshments (30 minutes)

#### Session 12 15:00 – 16:00

15:00	Crash Risks for Drivers of Various Car Makes & Types	Anders Kullgren -- Folksam
15:20	New JKC Design Guide Based on D & R Tests	Hideaki Inoue -- JKC
15:40	Crash Testing & Insurance Group Rating of Model X	Carsten Reinkemeyer – AZT

#### 16:00 END OF DAY 3

## Friday, September 30, 2016

### DAY 4

#### Session 13 9:00 – 10:40

##### General Presentations (Part III)

9:00	Driving in Floodwater	Robert McDonald -- IAG
9:20	MRC Future Vision	Steve Miller -- MRC
9:40	Idea of a New RCAR Standard for Testing of Parking Systems: An Open Discussion	Frank Leimbach & Gerald Beese -- KTI
10:00	Comparison Insurance Losses for Electric Vehicles & Their Conventional Counterparts	Matthew Moore -- IIHS
10:20	Drones & Insurance	Ignacio Juarez -- CESVIMAP

#### 10:40 Break for Refreshments (30 minutes)

#### Session 14 11:10 – 12:30

11:10	State Farm Vehicle Research Facility: Update on Recent Research	Steve Schmidt – State Farm
11:30	Whiplash Claims & Neck Injury Simulation Study	Sang Woo Shim -- KART
11:50	RCAR Business Meeting	Wilf Bedard
12:20	2017 RCAR Conference: MPI Presentation	Shayon Mitra

#### 12:30 Lunch (60 minutes)

#### 13:30 END OF DAY 4

## End of RCAR 2016 Technical Program

