

# EUROPEAN R-CAR CONSORTIUM FORUM 2019

14<sup>th</sup> March 2019, 10:30 – 18:30 in Düsseldorf, Germany



# OVERVIEW

## What you can expect

- Keynote speeches and seminars about Automated & Connected driving, including security & safety aspects, artificial intelligence towards the future of mobility
- More than 35 demos by Renesas and partners giving insight in latest innovations based on R-Car
- Various networking opportunities with OEMs, T1s and partners

## How to register

For more information and to register, contact your Renesas sales representative, or sign up on

<https://www2.renesas.eu/ercc-c/>

User: ERCC-C2019

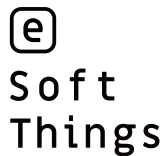
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# AGENDA

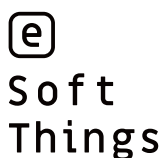
R-CAR CONSORTIUM FORUM 2019 AGENDA		
10:30 – 11:00	Customer registration	
OPENING AND KEYNOTES		
11:00 – 11:15	Opening <b>Welcome!</b>	<b>Olav Schulte</b> Renesas, Senior VP and Deputy GM of Automotive Solution Business Unit
11:15 – 11:45	Renesas Keynote <b>Renesas direction together with partners</b>	<b>Shinichi Yoshioka</b> Renesas, Senior VP, CTO, Automotive Solution Business Unit
11:45 – 12:15	Audi Keynote <b>Electronics in 2030 Automotive Mobility Devices</b>	<b>Berthold Hellenthal</b> Head of Competence Center Electronics and Semiconductors; Audi PSCP
12:15 – 12:45	Daimler Keynote <b>AI – Chances for new E/E-Architecture concepts</b>	<b>Reinhold Beck</b> Daimler, Senior-Manager E/E-Architecture, Concepts and Functional Safety
12:45 – 14:00	Lunch	
	<b>AUTOMATED DRIVING</b>	<b>CONNECTED DRIVING</b>
14:00 – 14:30	<b>Joint use of CNN IP</b> and programmable <b>Computer Vision Engine</b> for Deep Neural Networks (RT-RK)	<b>Securely</b> and <b>Safely</b> Consolidating the Cockpit and Communications (GHS)
14:35 – 15:05	A Collaborative Approach to <b>Addressing Production Challenges</b> of Autonomous Vehicles (BlackBerry QNX)	<b>Scalable</b> and <b>flexible</b> software <b>platform</b> for high-performance ECUs (Elektrobit)
15:05 – 15:25	<b>Coffee break</b>	
15:25 – 15:55	On the importance of <b>safety</b> on the way to autonomous driving (TTTech)	A holistic approach on <b>security</b> for the connected car (Sysgo)
16:00 – 16:30	Leveraging <b>open collaboration</b> and <b>open source</b> to accelerate development of Autonomous Driving (OpenADx)	<b>Flash</b> memory/ <b>filesystem</b> challenges in era of connected cars (Tuxera)
16:30 – 16:45	<b>Break</b>	
16:45 – 17:00	<b>Closing</b>	
17:00 – 18:30	<b>NETWORKING EVENT</b>	

EXHIBITION

## EXHIBITORS



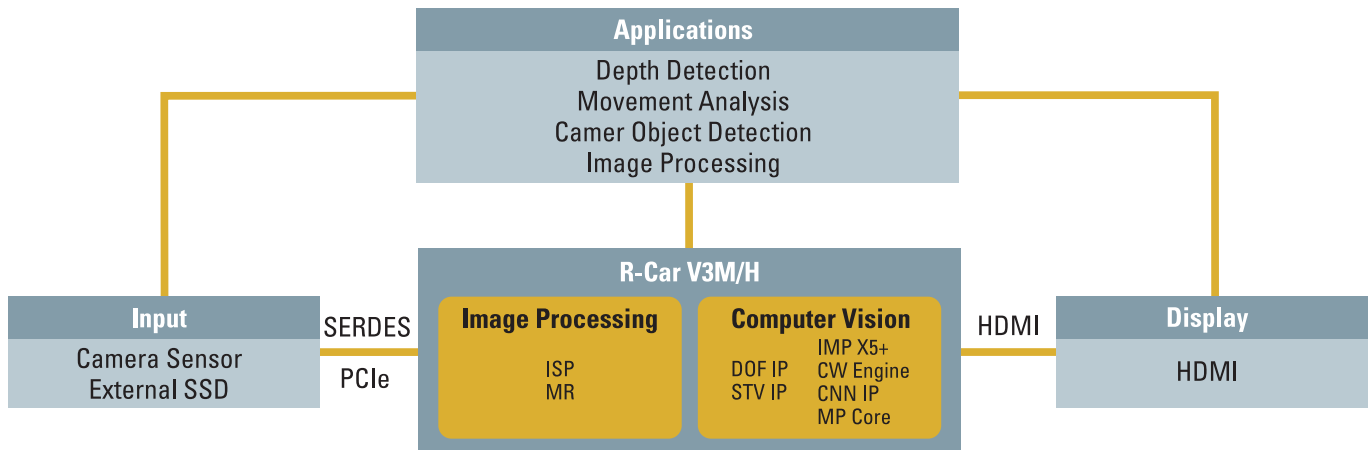
## SPONSORS



## RENESAS HIGHLIGHT: ADAS DEMOS

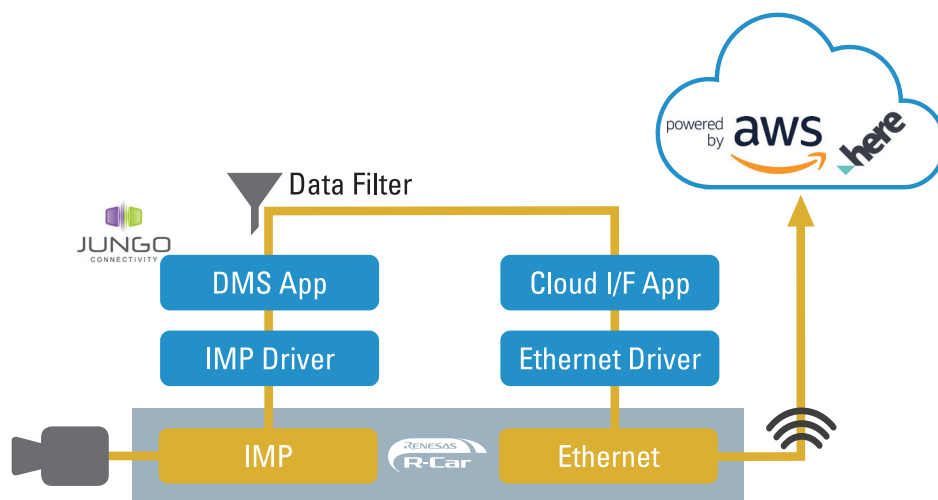
### Renesas Camera Based ADAS Solutions

Based on Renesas Third Generation R-Car V3M/V3H SoC Renesas ADAS demos show the pipeline from Camera sensor input to display output with different use cases, all enabled by Hardware Accelerators for Computer Vision and Deep Learning on R-Car V3M/H.



## RENESAS HIGHLIGHT: RENESAS CONNECTED CAR DEMO

- Cloud Services are supported by Renesas partners AWS and HERE
- Traffic and car simulation is supported by Renesas' "Connected SDK" SW tool, available for R-Car Consortium (RCC) members
- The Driver Monitoring Edge Computing application is supported by RCC member Jungo



Before purchasing or using any Renesas Electronics products listed herein, please refer to the latest product manual and/or data sheet in advance.

**Renesas Electronics Corporation**

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Document No. R33PF0002ED0100