



CMC Newsletter Issue 12 / December 2019

CMC conference highlights role of motorcycles in future mobility

Motorcycle industry VIP's come together to discuss future automation

The motorcycle industry may play an important role in the mobility of the future. Mr. Yoshige Nomura, Operating Officer Motorcycles from Honda Motor Co. Ltd. and new President of CMC highlighted the opportunities and the challenges of the industry in the annual CMC conference, where CMC member's top management gathers every year. Philipp Habsburg, CTO of KTM AG who hosted the event at their recently opened 'Motohall' at Mattighofen, Austria believes that CMC has become a 'brand' in the automotive sector and a platform to challenge even a wider variety of future challenges.



Speech by CMC president Mr. Nomura

Demonstration in 2020 of working systems in action

The goal of CMC to define a Basic Specification for Motorcycle ITS is on its way and the Consortium is planning a safety conference in 2020 to demonstrate the results of their work. CMC believes that connectivity is a major contribution to safety for motorcyclists. Since most accidents happen due to perception failure from other vehicle drivers, connected services will warn drivers and riders of critical situations. To foster deployment of motorcycle ITS systems, CMC proposes standards and a technical framework.

Technical challenges

Masaru Mamiya from Suzuki, who leads CMC's Unification and Interoperability Group, sees need for motorcycle specific standards and specification, since motorcycles have a fundamentally different driving dynamics compared with cars.

Keynote speaker Peter Meckel from Asfinag in Austria, representing the European C-Roads consortium promised that road operators will supply information to road users including motorcycle riders. The traditional information via radio, Apps or navigation systems is not enough to boost safety. Information should be in real time and only a hybrid approach using ad hoc short-range communication together with long range communication as a mix of traditional and new technologies will provide real steps forward for road safety.



The CMC Conference participants

Today's sensor technology not ready for automated traffic

Christof Lischka, Executive Vice President Development and Felix Deissingner Head of Motorcycle Safety, both from BMW Motorrad pointed out the challenges powered two wheelers will face when road traffic will increasingly be automated. Today's onboard sensor systems for example, still are not fully capable to recognize

motorcycles under certain situations.

More future challenges ahead

Takuya Kinoshita CEO of Yamaha Motorcycle Operations at Yamaha Motor Co. Ltd. in Japan and previous President of CMC believes that the industry needs to stretch out beyond its own borders and work with all mobility stakeholders to safeguard motorcycles into a new area of mobility. CMC needs to cooperate with other consortia such as [Car2Car Communication Consortium](#) or [5G Automotive Association](#) to make sure requirements of Powered Two Wheelers are included in future standards.



Handover of the presidency from 2019 president Mr. Kinoshita (right) to 2020 president Mr. Nomura (left)

Together for Rider Safety