

# Conference programme

## Monday, 6 November 2017

- 08:30–10:00 Registration – coffee and tea served  
10:00–10:10 Welcome and opening  
10:10–10:30 **Keynote lecture**  
*Antonio Perlot – Secretary General of the European Association of Motorcycle Manufacturers (ACEM)*

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### SESSION 1. Urban mobility

*Moderated by Geoff Liersch*

- 10:30–11:00 **C-ITS for PTW – Motorcycle approach from road-safety perspective**  
*Hennes Fischer – Yamaha Motor Europe NV; Tomohiro Matsuda – Kawasaki Motors Europe NV; Oliver Kohlinger – Honda R&D Europe; Arne Purschwitz – BMW Motorrad*
- 11:00–11:30 **Technology evaluation for two-wheeler-based personal mobility in emerging markets beyond 2020**  
*Pradeep Ramachandra, Prashanth Anantha and Manohar Halahali – Bosch Ltd, Two Wheeler and Powersports*
- 11:30–12:00 **RESOLVE – Innovative solutions for urban mobility**  
*Georg Deuschle and Stefano Granvillano – Ricardo*

EXPERT DIALOGUE:  
Electric motorcycles

- 12:00–13:30 Lunch

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### SESSION 2. Powertrain technologies

*Moderated by Paul Etheridge*

- 13:30–14:00 **KTM two-stroke fuel injection for offroad motorcycle applications**  
*Michael Viertlmayr, Michael Derntl, Helmut Drochner, Martin Forster, Peter Gorbach, Philipp Habsburg, Bernd Holzleitner, Christian Mayrhofer, Christian Rathgeb, Markus Rauschenboeck, Christian Rehrl and Stefan Spatzenegger – KTM AG*
- 14:00–14:30 **Design optimization and automation for SI engine intake port development**  
*Anthony Coffey – Harley-Davidson Motor Company*
- 14:30–15:00 **Exhaust system design for stricter noise and emission regulation (Transition from EU3 to EU4 and coming EU5)**  
*Jaka Klemenc, Gašper Sedej and Boris Stanič – Akrapovič dd*
- 15:00–15:30 **Diesel in motorcycle – is there a way to enable diesel use in MC?**  
*Uwe Moser – FEV Europe GmbH*

EXPERT DIALOGUE:  
Connected motorcycles

- 15:30–16:15 Coffee

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**SESSION 3. Vehicle technologies**

*Moderated by Prof. Dr. Angelo Onorati*

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- 16:15–16:45 **Electric motorcycles, risk management and how to increase safety**  
*Bjarni Freyr Guðmundsson and Jesper Vind – Fenris Motorcycles*
- 16:45–17:15 **Rider profile detection – the first self-learning method for motorcycle systems based on individual detection of rider-specific profiles**  
*Gerald Matschl – KTM AG; Matthias Moerbe and Markus Henzler – Robert Bosch GmbH; Dr. Sebastian Will – WIVW*
- 17:15–17:45 **Evaluation of the potential of Advanced Rider Assistance Systems for the actual accident scenarios**  
*Alessio Sevarin, Dr. Christian Ellersdorfer and Dr. Ernst Tomasch – Graz University of Technology, Vehicle Safety Institute; Christian Rathgeb – KTM AG; Karin Ausserer and Dr. Ralf Risser – FACTUM*
- 17:45–18:15 **The development of Ducati 1299 Panigale Superleggera**  
*Leonardo Bagnoli and Simone Di Piazza – Ducati Motor Holding S.p.A.*

**EXPERT DIALOGUE:**  
*Technology roadmapping*

18:15–18:30 **Summary of the Expert Dialogues**

18:30 **Closing remarks**

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**Transfer to Deus ex Machina**

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19:30 **Dinner and evening event**