

Essen, August, 15th 2024

ifz sets benchmark

15th International Motorcycle Conference in December

Essen (ifz) The presentations have been set for two packed conference days. On 5 and 6 December 2024, the focus will once again be on motorcycle safety when scientists, researchers and practitioners from numerous nations meet in Cologne at the invitation of the Institute for Motorcycle Safety (ifz) to discuss the latest findings on safe scooter and motorcycle riding.

The Steering Committee of the 15th International Conference had to choose 21 highly interesting papers from the world of scooter and Motorcycle safety, which was not exactly easy this year in view of the abundance of exciting submissions received.

"In view of the quantity as well as quality of the submissions, it would easily have been possible this year to fill a conference lasting at least three days with interesting, insightful presentations from all over the world," says Matthias Haasper, Director of the ifz and also a member of the Steering Committee.

The numerous submissions from scientists from various universities, research departments of motorcycle manufacturers and many other institutions are proof of constant developments in the field of motorcycle safety research and that the ifz conference continues to hold a unique position in this field with its diversity, internationality and dynamic.

"Motorcycle safety research never sleeps!" says André Lang, Head of Research at the ifz. "The many valuable new approaches and the huge international exchange of knowledge during the conference will further reduce the number of accidents involving powered two-wheelers in a long term, here in Germany as well as in Europe and worldwide! The numerous international cooperations and joint projects that will be presented and expanded upon at the conference will also contribute to this and underline the importance of the conference in terms of networking. This creates valuable synergies that ultimately benefit motorcycle riders by increasing safety, both now and in the future. All presentations are united by the aim of further optimizing safety on powered two-wheelers. When it comes to the topic of "riders", for example, "profiling" of rider behavior is one of the areas that should contribute to make individual settings for advanced rider assistance systems easier. The latter is a major focus of the conference. Safety on powered two-wheelers will continue to improve in the future thanks to the further development and increasing optimization of these technical assistants. The various analyses of advanced rider assistance systems include, for example, warning mechanisms by means of a short braking impulse or an optical signal in the head-down and head-up display, which make it possible to keep a constant eye on the traffic situation and still detect warning signals. Of course, warning times also play a role here, which were analyzed in detail in a relevant study. Manufacturers have also tested vehicle-integrated camera systems that provide information on whether a vehicle is approaching, for example, and what effect this has on the riders own continued journey. Research into autonomous emergency steering systems is also part of the conference program. Of course, the latest studies on the efficiency of ABS and

Reproduction free of fee

We would be pleased to receive copies!

Cornering ABS should not be missed. The topic of electromobility also has its share, for example when it comes to comparing riding maneuvers on electric or combustion motorcycles. Last but not least, accident analyses are considered, increasingly with a view on connected riding. Keyword "powered two-wheeler clothing": experts will talk about the optimization of powered two-wheeler clothing, for example through rider airbags or the use of safety-enhancing fluids in powered two-wheeler helmets.

Further content can be found on the conference website. We are pleased to inform you [here](#) about the presentations of the 15th International Motorcycle Conference. Detailed information on the conference schedule will also be published on the ifz website soon. Until then, we hope that you share our anticipation of the high-class presentations and speakers that await us in Cologne!

In order to manage this comprehensive international exchange of knowledge against the background of reducing the number of accidents involving powered two-wheelers, the ifz can rely on the support of the Motorcycle Safety Foundation (MSF, USA), the European (ACEM) and the German Motorcycle Industry Association (IVM) as well as the German Road Safety Council (DVR) and Koelnmesse.

Reproduction free of fee

We would be pleased to receive copies!