Editorial

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At his point, we normally pronounce very pleasant news about latest scientific research results in the field of vehicle and engine technology.

But, as our appreciated colleague Prof. Dr. Roland Baar died absolutely unexpectedly in a car crash on June 23rd 2018 at the age of only 53, we would like to dedicate this journal to him.

Roland Baar was not only a highly esteemed personality as professor in the field of Internal Combustion Engines at TU Berlin, but also an extremely successful competitive athlete. As stroke of the German rowing eight, he took the world championship five times and won the silver medal at the Olympic games in Atlanta 1996. After his active years, he remained connected with competitive sports: first as an athlete's representative, then as a member of the International Olympic Committee from 1999 to 2004, presidium member of the National Olympic Committee and, since 2012, as public defender (ombudsman) of the National Anti-Doping Agency NADA.

In parallel, Roland Baar has been at least as successful as in sports with regard to his career as a brilliant engineer and scientist. After his study of mechanical engineering in Hanover and his graduation at the Institute of thermal turbomachinery in 1996, he first started his professional career

at Volkswagen AG and changed to Voith AG in 2006, where he built up the turbocharger development for commercial vehicles. In 2011, he was called to TU Berlin and filled the professorship for Internal Combustion Engines until his death. He rebuilt the special field of vehicle drives and started new research projects in the fields of engine research, e.g. supercharging technology, combustion process, injection, and advanced and alternative fuels. Beside his work in committees and as head of scientific conferences, he took over the responsibilities of an associate editor in the Automotive and Engine Technology Journal AAET, the official academic organ of WKM, right from the beginning.

Not only the scientific society for automotive and engine technology (WKM) but the whole scientific community of IC engines loses with our colleague Roland Baar a magnificent and overmodest person. Our commemoration is characterized by high respect and great appreciation.

Our sympathy goes to his wife and his adult children.

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