Peter E. Pfeffer *Ed.*

6th International Munich Chassis Symposium 2015

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Today, a steadily growing store of information is called for in order to understand the increasingly complex technologies used in modern automobiles. Functions, modes of operation, components and systems are rapidly evolving, while at the same time the latest expertise is disseminated directly from conferences, congresses and symposia to the professional world in ever-faster cycles. This series of proceedings offers rapid access to this information, gathering the specific knowledge needed to keep up with cutting-edge advances in automotive technologies, employing the same systematic approach used at conferences and congresses and presenting it in print (available at Springer.com) and electronic (at SpringerLink and Springer für Professionals) formats.

The series addresses the needs of automotive engineers, motor design engineers and students looking for the latest expertise in connection with key questions in their field, while professors and instructors working in the areas of automotive and motor design engineering will also find summaries of industry events they weren't able to attend. The proceedings also offer valuable answers to the topical questions that concern assessors, researchers and developmental engineers in the automotive and supplier industry, as well as service providers.

Peter E. Pfeffer
Editor

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ISSN 2198-7432
ISBN 978-3-658-09710-3
DOI 10.1007/978-3-658-09711-0

ISSN 2198-7440 (electronic)
ISBN 978-3-658-09711-0 (eBook)

Library of Congress Control Number: 2015937195

Springer Vieweg

Printed on acid-free paper

Springer Vieweg is part of Springer Science+Business Media
(www.springer.com)

WELCOME

Connectivity has arrived in the vehicle – whether it is in-car internet or car-to-car communication. For the chassis too, the connected car is increasingly becoming a driver of innovation. Predictive and intelligent chassis systems and automated driving are just some of the topics being addressed. In addition to enhancing driving comfort and safety, interconnecting the powertrain with the chassis can also provide new functions, not only in cars but also in commercial vehicles. What is more, modularization, electrification of the powertrain, intelligent development methods and efforts to reduce fuel consumption are also driving innovations in chassis systems.

On 16 and 17 June 2015, the 6th International Munich Chassis Symposium chassis.tech plus will bring together experts in the field of the chassis, steering systems, brakes, and wheels/tires for an exchange of ideas and experience and constructive discussions on the latest topics. They will give us an insight into their research and development activities. On behalf of the Scientific Advisory Board, we would like to cordially invite you to take part in this year's symposium.

Renowned keynote speakers will give a comprehensive overview of challenges and solutions for chassis technology. In the well-established manner, four parallel sections will address issues relating to the chassis, steering systems, brakes, and wheels/tires. The program of lectures will be rounded off by two plenary sections at the beginning and end of the symposium.

We look forward to welcoming you at the Hotel Bayerischer Hof in the heart of Munich and we hope you enjoy an exciting symposium.

Prof. Dr. Peter E. Pfeffer
Munich University of Applied Sciences
Scientific Director of the Symposium

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