

ATZ live



Peter E. Pfeffer *Ed.*

6th International Munich Chassis Symposium 2015

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Proceedings



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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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Editor

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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

CHASSIS.TECH PLUS SECTION

KEYNOTE LECTURES

- The all new BMW 7 Series** 1
Peter Langen, M. Wachinger, Dr. C. Dorrer, W. Nixel, M. Schwarz,
BMW Group
- Highly automated driving for commercial vehicles** 5
Markus Kirschbaum, Daimler AG
- Automated driving, electrification and connectivity –
the evolution of vehicle motion control** 17
Alexander Häußler, Robert Bosch GmbH

CONSUMER PROTECTION AND METHODS

- Future consumer protection demands on vehicle safety** 33
Andreas Rigling, ADAC e. V. Technik Zentrum
- Model-based development methods –
What can chassis and powertrain development learn
from each other?** 35
Bernhard Schick, M. Paulweber, AVL List GmbH, Austria

PARALLEL STRAND I

NEW CHASSIS SYSTEMS

- The chassis of the all new Audi Q7** 37
Carsten Jablonowski, V. Underberg, M. Paefgen, AUDI AG
- Network topology for chassis –
potential of ethernet-based systems** 51
Kristian Trenkel, P. Wunner, iSyst Intelligente Systeme GmbH
- Suspension design of the Visio.M electric research vehicle** 79
Andreas Schultze, T. Helfrich, Prof. Dr. M. Lienkamp,
Institute of Automotive Technology (FTM), TU Munich

ACTIVE CHASSIS SYSTEMS

- Development of an active motion system
of tire contact point control** 95
Hiroshi Shibuya, H. Iida, H. Kanayama, D. Fujii, X. Carrera Akutain,
K. Shima, Toyota Motor Corporation, Japan
- The influence of the modeling depth of active chassis systems
with respect to the development stage and their interaction
with driving characteristics** 103
Kilian Dettlaff, Prof. Dr. J. Wiedemann,
Institute for Internal Combustion Engines
and Automotive Engineering (IVK), University of Stuttgart;
U. Schaaf, I. Scharfenbaum, Dr. A. Wagner, AUDI AG
- Smart electromechanical system to improve vehicle handling
and stability by toe and camber control on the rear wheel** 123
Isabel Ramirez Ruiz, Ferrari S.p.A., Italy;
Dr. M. Alirand, N. Kieny, Siemens Industry Software SAS, France;
Prof. F. Cheli, Politecnico di Milano, Italy

PARALLEL STRAND II

ENERGY EFFICIENCY, SAFETY AND RESOURCES

- Tire use and road safety –
background to policy recommendations for new EU measures** 129
Sven Jansen, Dr. A. Schmeitz,
TNO Technical Sciences/Automotive, The Netherlands;
L. Akkermans, Transport & Mobility Leuven, Belgium
- The influence of wheel and tire aerodynamics in WLTP** 149
Dr. Timo Kuthada, F. Wittmeier, Institute of
Automotive Engineering and Vehicle Engines Stuttgart (FKFS)
- Towards a comprehensive approach
for the sustainability assessment of a product:
product social impact assessment** 161
Dr. Marzia Traverso, P. Tarne, Dr. V. Wagner, BMW Group

DRIVER ASSISTANCE SYSTEMS

- A vehicle lateral control approach for collision avoidance
by emergency steering maneuvers** 175
Martin Keller, Prof. Dr. Dr. T. Bertram, Institute of
Control Theory and Systems Engineering (RST), TU Dortmund;
Dr. C. Haß, Dr. A. Seewald, TRW Automotive GmbH
- Collision avoidance with combined braking and steering** 199
Carlo Ackermann, J. Bechtloff, Prof. Dr. Dr. R. Isermann,
Institute of Automatic Control and Mechatronics (IAT),
TU Darmstadt
- Driver assistance for trucks –
from lane keeping assistance to smart truck maneuvering** 215
Alexander Gaedke, R. Greul, S. Kanngießer, N. Boos,
Robert Bosch Automotive Steering GmbH

CHASSIS.TECH SECTION

DEVELOPMENT PROCESS**Development of a driving dynamics-oriented suspension design during the early concept phase** 233

Karthik Vemireddy, T. Dittmar, Prof. Dr. L. Eckstein,
Institute for Automotive Engineering (ika), RWTH Aachen University;
L. Hesse, P. Rettweiler, fka Forschungsgesellschaft
Kraftfahrwesen mbH Aachen

Development of a chassis model including elastic behavior for real-time applications 257

Frédéric Etienne Kracht, Prof. Dr. D. Schramm,
Dr. B. Hesse, Chair of Mechatronics, Y. Zhao, Institute for
Mechatronics and System Dynamics, University of Duisburg-Essen;
Dr. M. Unterreiner, Dr. Ing. h.c. F. Porsche AG

Lightweight design in subassemblies with changing design spaces to find an overall weight optimum for series-produced cars 283

Gerhard Steber, BMW Group; Prof. Dr. R. Lachmayer,
Institute of Product Development (IPeG),
Leibniz University Hannover

VEHICLE LATERAL DYNAMICS**Objektive Ratingmethode für Handling- und Komfortkriterien für den Einsatz im Fahrversuch und in der Simulation (Objective method for rating ride and handling criteria in simulation and vehicle testing)** 305

Joachim Ecker, Dr. P. Schöggel, E. Bogner, M. Oswald,
AVL List GmbH, Austria

Virtual chassis tuning with emphasis on the damper characteristics – a method for optimal integrative damper adjustment by means of vertical and lateral dynamics simulation and evaluation criteria 325

Florian Klinger, Dr. J. Edelmann, Prof. Dr. M. Plöchl,
Institute of Mechanics and Mechatronics, TU Vienna, Austria;
S. Jeindl, B. Angrosch, MAGNA Steyr Engineering, Austria

Importance of body rigidity in the transient stage of the maneuver 347

Charlie Gagliano, Honda R&D Americas, Inc., USA;
T. Geluk, Siemens Industry Software NV, Belgium

RIDE COMFORT AND TESTING

- Contribution to the objective evaluation of roll dynamics** 359
Andreas Apfelbeck, M. Schwarz, S. Wegner, BMW Group;
Dr. R. Henze, Prof. Dr. F. Küçükay,
Institute of Automotive Engineering (IfF), TU Braunschweig
- Improved prediction of ride comfort characteristics
by considering suspension friction in the automotive
development process** 377
Christian Angrick, Prof. Dr. G. Prokop,
Institute for Automotive Technologies Dresden (IAD),
Dresden University of Technology;
Dr. P. Knauer, Dr. A. Wagner, AUDI AG
- Endurance tests of electronic suspension for motorcycles –
a system approach** 405
Frederik Harnischmacher, KTM AG, Austria;
Prof. Dr. T. Kuttner, Department of Mechanical Engineering,
University of Federal Armed Forces Munich

STEERING.TECH SECTION

STEERING TECHNOLOGY

- Availability and fail-safety approaches
for electric power steering systems – trends and requirements** 421
Eberhard Kübler, T. Pötzl, Dr. T. Frenz, J. Sauler,
Robert Bosch Automotive Steering GmbH
- Innovative software functions to operate
electric power steering systems in sports cars –
Unterstützungskraftregelung (UKR)** 423
Dr. Christoph Bittner, A. Uselmann, K. M. Krüger, G. Rivera,
Dr. Ing. h.c. F. Porsche AG
- Steering System Fingerprint –
a tool for steering system performance check and overview** 443
Frank Esser, T. Vercammen, Ford-Werke GmbH

TEST BENCH METHODS

- Model-based steering ECU calibration
on a steering-in-the-loop test bench** 455
Dr. Hans-Michael Koegeler, B. Schick, AVL List GmbH,
Austria; Alessandro Contini, Prof. Dr. P. E. Pfeffer,
Munich University of Applied Sciences; M. Lugert, T. Schöning,
Hyundai Motor Europe Technical Center GmbH
- Test infrastructure for EPS steering systems –
balancing between requirement-based, experience-based
and free testing** 467
Thomas Maur, TRW Automotive GmbH
- Realistic dynamic testing of EPS motors and ECUs
by means of a hardware-in-the-loop test bench** 489
Hermann Briese, E. Farshizadeh, S. Oedekoven,
DMecS Development of Mechatronic Systems GmbH & Co. KG;
T. Schubert, Prof. Dr. H. Henrichfreise,
Cologne Laboratory of Mechatronics (CLM),
Cologne University of Applied Sciences

DRIVING SIMULATION AND TESTING

- A simulator study on the controllability of steering systems with reduced maximum steering wheel angle** 507
Christian Dreßler, S. Eßers, TAKATA AG
- Implementation and testing of different control strategies on a steer-by-wire research platform** 519
Michele Sigilló, M. Dold, C. Delmarco, K. Polmans, ThyssenKrupp Presta AG, Liechtenstein
- Driving quality optimization based on cross-linked cause and effect chain models using the example of energy-efficient steering assistance** 541
Marinette Iwanicki, M. El-Haji, Institute of Vehicle Systems Technology (FAST), T. Freudenmann, Institute of Product Engineering (IPEK), Karlsruhe Institute of Technology (KIT)

BRAKE.TECH SECTION

ENVIRONMENTAL ASPECTS AND FUTURE TECHNOLOGIES

The consequences of a closed rim design for the brakes of a high-efficiency vehicle 567

Dr. Ralf Stroph, S. Gielisch, Dr. A. Pruckner, BMW Group

The contribution of brake emissions to the total vehicle emissions 585

Jürgen Lange, R. Steege, D. Welp, TMD Friction Holdings GmbH

An innovative production method for a C/C-SiC brake disc, suitable for a large-scale production 605

Dr. Daisy Julia Nestler, N. Nier, K. Roder, A. Todt,
Prof. Dr. B. Wielage, Prof. Dr. G. Wagner,
Institute of Materials Science and Engineering (IWW),
Prof. Dr. L. Kroll, E. Päßler, Institute of Lightweight Structures (IST),
Prof. Dr. S. Spange, J. Weißhuhn, Dr. H. Würfel,
Institute of Chemistry, TU Chemnitz

CONTROL AND SIMULATION

Combined control strategy for the combustion engine and brake system to enhance the driving dynamics and traction of front-wheel-drive vehicles 629

Daniel Killian, Prof. Dr. M. Lienkamp,
Institute of Automotive Technology (FTM), TU Munich;
S. Fischer, Elektronische Fahrwerksysteme GmbH;
S. Poltersdorf, Dr. R. Schwarz, AUDI AG

Real-time simulation of braking interventions in heavy commercial vehicles 647

Dr. Philipp Wagner, T. Ille, Dr. C. Kohrs, MAN Truck & Bus AG;
F. Bauer, Institute of Mechanics,
University of Federal Armed Forces Munich

Efficient digital development of brake components with multiple requirements 663

Konrad Meister, Dr. Tobias Rößler, Dr. V. Fäßler, Dr. S. Staudacher,
TWT GmbH