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Automotive Production Systems and Standardisation Technology Acceptance of Connected Services in the Automotive Industry The Automotive Body Automotive Management Blockchain Technology and Smart Contracts. Application in the Automotive Industry Math for the Automotive Trade Dynamische Rekonfigurationsmethodik für zuverlässige, echtzeitfähige Eingebettete Systeme in Automotive Anlaufmanagement in Der Automobilindustrie Erfolgreich Umsetzen/ Start-up Management in the Automotive Industry to Successfully Implement Integration of Numerical Simulation Approaches in the Virtual Development of Automotive Antenna Systems The Automotive Gray Market 14th International Symposium on Automotive Lighting – ISAL 2021 – Proceedings of the Conference Postprocessing Architecture for an Automotive Radar Network Memoirs of the Automotive Aftermarket The Automotive Manufacturer Simultaneous Engineering for New Product Development Onboard Diagnostics and Measurement in the Automotive Industry, Shipbuilding, and Aircraft Construction Automotive and engine technology APEC Early Voluntary Sectoral Liberalization of the Automotive Industry Prototyping Automotive Software und Services Automobilergonomie Today's Technician: Automotive Electricity and Electronics Characteristics of the United States Automotive Supplier Industry Fundamentals of Automotive Technology Automotive Repair Industry: Appendix (Pages 3007 to 4081) Urban Shrinkage, Industrial Renewal and Automotive Plants Changing Gears Automotive Science and Mathematics Automotive Ethernet Automotive Development Automotive Acoustics Conference 2019 The Evolution of Automotive Technology Profiles of Major Suppliers to the Automotive Industry: Iron, steel, and aluminum suppliers to the automotive industry Herausforderungen für das Automotive Engineering & Management U.S. Automotive Industry The 30th SIAR International Congress of Automotive and Transport Engineering Automobility The Automobile Dealer and His Employees Automotive Industries, the Automobile Automotive Engine Repair Transforming the Latin American Automobile Industry

Memoirs of the Automotive Aftermarket By: Ron Todd For the past century, throughout many ups and downs, America has maintained a deep love of the automobile. In the present aftermarket industry, and into the future, those who work in the automotive industry must learn to adapt to rapidly changing technology and remain current in all aspects of customer service. This book will guide you through the history of the automotive industry and help you avoid the mistakes many have made when beginning a career that is both challenging and rewarding. Die Herausforderungen für das Automobilmanagement und das „Automotive Engineering“ sind heute größer als je zuvor. In der volkswirtschaftlich bedeutenden Automobilindustrie hat ein langfristiger Übergang in alternative Antriebstechnologien begonnen, die die meisten Kunden bislang noch als

technologisch nachteilig wahrnehmen und für die sie nicht noch einen Aufpreis zu zahlen bereit sind. Zugleich hat eine Verlagerung von Umsatz und Wertschöpfung in neue Wachstumsmärkte eingesetzt, weshalb die Automobilunternehmen Strategien, Organisationsstrukturen sowie Technologien anpassen müssen.Diese Herausforderungen liegen an der Schnittstelle von „Automotive Engineering & Management“, d.h. von Technik und Betriebswirtschaft. Das Buch enthält die Beiträge einer Ringvorlesung im Sommersemester 2012 an der Universität Duisburg-Essen. An introductory text for BTEC first, BTEC national and IMI Certificate and Diploma syllabus requirements for mathematics and science. This textbook presents the necessary principles and applications with examples and exercises relating directly to motor vehicle technology and repair, making it easy for automotive students and apprentices to relate theory back to their working practice. It also offers a good introductory text for automotive students on Higher National and Foundation degree courses in automotive engineering. Over one million Americans are employed in manufacturing motor vehicles, equipment and parts. But the industry has changed dramatically since the U.S. "Big Three" motor vehicle corporations (General Motors, Ford and Chrysler) produced the overwhelming majority of cars and light trucks sold in the United States, and directly employed many people themselves. By 2003, most passenger cars sold in the U.S. market were either imported or manufactured by foreign-based producers at new North American plants (so-called "transplant" facilities). The Big Three now dominate only in light trucks, and are also now being challenged there by the foreign brands. The Big Three have shed about 600,000 U.S. jobs since 1980, while about one-quarter of Americans employed in automotive manufacturing (nearly 300,000) work for the foreign-owned companies. It is clear that the U.S. automotive industry has undergone many drastic changes that have had a net adverse effect on American interests. This book examines the causes of these changes. Congressional acts, increasingly stringent emission laws, the effects of NAFTA, labour unions and globalisation are all within the scope of this book. The focus of the presented investigations in this thesis is related to on glass printed antennas for a wide frequency band starting from 100 kHz up to 900 MHz. Different numerical methods based on the Method of Moments are compared to present a solution for virtual antenna development. To compare the proposed approaches, simulations using each one were performed. Furthermore, important details for antenna system and antenna environment modelling, especially those related to ground and antenna amplifiers are given. Also, keyless systems operating at low frequencies as well as roof antenna systems operating at very high frequencies beyond 700 MHz are investigated. All proposed virtual processes are validated by measurements. Valuable computation time can be saved as shown in this work by choosing adequate algorithms. Derzeit kommen dynamisch rekonfigurierbare Systeme im Automobil nicht zum Einsatz und es gibt kein Vorgehensmodell für die Entwicklung. Der Schwerpunkt dieser Dissertation liegt auf der Erforschung von Methoden und Ansätzen für die Entwicklung solcher Systeme. Ein wesentlicher Architekturtreiber ist das autonome Fahren, ein weiterer ist die funktionale Hochintegration auf zentralen Rechner-Plattformen. Unter deren Berücksichtigung wird die dynamische Rekonfiguration

eingeordnet und erforscht. - Currently, dynamically reconfigurable systems are not used in automotive and there is no process model for their development. The focus of this dissertation is to explore methods and approaches for the development of such systems. One major architectural driver is autonomous driving, another is functional high integration on central computing platforms. Taking these into account, dynamic reconfiguration is classified and explored. MATH FOR THE AUTOMOTIVE TRADE, 6th Edition, is the practical worktext that can jumpstart automotive repair careers! Starting with beginner math and a review of automobile systems, this book walks students through hands-on problems and exercises, completing repair orders and documents according to manufacturer specs, and checking their work against industry data in the appendices. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version. Resource added for the Automotive Technology program 106023. Engine Repair, published as part of the CDX Master Automotive Technician Series, provides students with the technical background, diagnostic strategies, and repair procedures they need to successfully repair engines in the shop. Focused on a "strategy-based diagnostics" approach, this book helps students master diagnosis in order to properly resolve the customer concern on the first attempt. Do you need to get up to date with the world's most popular networking technology? With this resource you will discover everything you need to know about Ethernet and its implementation in the automotive industry. Enhance your technical understanding and better inform your decision-making process so that you can experience the benefits of Ethernet implementation. From new market opportunities, to lower costs, and less complex processes; this is the first book to provide a comprehensive overview of automotive Ethernet. Covering electromagnetic requirements and physical layer technologies, Quality of Service, the use of VLANs, IP, and Service Discovery, as well as network architecture and testing, this unique and comprehensive resource is a must have, whether you are a professional in the automotive industry, or an academic who needs a detailed overview of this revolutionary technology and its historical background. This study looks at union responses to the changes in the Latin American car industry in the last 15 years. It considers the impact of the shift towards export production and regional integration, and the effect of political changes on union reponses. Ergonomie lehrt, wie Technik so zu gestalten ist, dass sie optimal an die Bedürfnisse, Wünsche und Eigenschaften des Nutzers angepasst ist. Es hat sich in diesem Zusammenhang der Begriff vom Mensch-Maschine-System etabliert. Sachsystematisch und mit detailliertem Blick auf die komplizierten technischen und wahrnehmungspsychologischen und methodischen Zusammenhänge werden in diesem Buch die Grundlagen mit zahlreichen Beispielen erklärt. Dabei zeigt sich die Anwendung der Fahrzeugergonomie in den Beispielen wie Package, Gestaltung von Anzeigen und Bedienelementen, von Umweltergonomie wie Beleuchtung, Schall, Schwingungen, Klima und Geruch. Auch die Gestaltung von Fahrerassistenzsystemen aus ergonomischer Sicht ist ein zentrales Thema. Abgerundet wird das Buch durch Methoden der ergonomischen Fahrzeugentwicklung, die Nutzung von Mock-Ups, Fahrsimulatoren und von Versuchen in Realfahrzeugen und Prototypen.

Erstmals wird den Verantwortlichen in der Automobilindustrie und im Bereich der einschlägigen Forschung ein fachsystematisches Werk an die Hand gegeben, das die ergonomischen Erkenntnisse bei der Gestaltung heutiger Automobile bereitstellt. Damit erhalten Planer und Konstrukteur heutiger Automobile konkrete Angaben für die ergonomische Produktentwicklung und können so entscheidende Anforderungen und die spätere Kundenakzeptanz im Blick behalten. This book focuses on the relationship between the auto industry and the built environment at multiple scales, a topic of particular interest now as the industry is going through a period of major transformation. Drawing from multiple perspectives, including architecture, urban design and urban planning, the authors examine the changing form of the auto factory itself, the changing geography of auto production, and the challenges faced by communities as the auto plants that once brought them prosperity, and often a sense of identity, leave town. They examine four places that are dealing in different ways, and with varying success, with the aftermath of a decommissioned auto plant in their midst. These are Janesville, Wisconsin, and Willow Run, Michigan, in the U.S., and Bochum, Germany, and Genk, Belgium, in Europe. Together these four cases provide some clues about what the future might look like for places that were once intimately connected with the manufacture of cars. Onboard Diagnostics and Measurement in the Automotive, Shipbuilding and Aircraft Industries is a unique title which focuses on the direct (OBM) and indirect (OBD) determination of emissions in transportation. It offers the reader a state-of-the- art report on the recent developments concerning the determination of emissions and the estimation of pollutants concentrated in the exhaust pipe, using technologies such as intelligent micro controllers, micro sensors and micro actuators systems on board. Written by Dr. Palocz-Andresen, guest professor of Sustainable Transportation at Leuphana University in Lüneburg, this book is especially useful in understanding how the European Union and the United States address the problem of transport-generated emissions. This book goes beyond the more common emissions issues encountered in the automotive arena (including light duty and heavy commercial vehicles), to expand upon the upcoming and similar concerns derived from air and sea transport. Onboard Diagnostics and Measurements in the Automotive, Shipbuilding and Aircraft Industries is a must-have source of technical information to those studying or working in the areas of transportation technology, sustainability, legislation, environment and climate protection. In the 1970s, as car enthusiasts in the U.S. grew bored with models manufactured under tightening pollution and safety regulations, some innovative dealers exploited a legal loophole--designed to allow U.S. soldiers and diplomats to return from abroad with their vehicles--to import exotic cars never intended for sale in America. During the 1980s, a rise in the value of the dollar made car shopping in Europe a bargain hunter's dream. A network of unauthorized "gray market" importers and conversion shops emerged, bypassing factory channels and retrofitting cars to meet U.S. regulations and emission standards--at least in theory. These cars had to pass through U.S. customs, a system equipped to handle only a few independent imports annually. As applications ballooned, the regulatory system collapsed. This is the story of a misunderstood but fascinating period in the automotive industry, when creative importers

found ways to put American motorists in new Ferraris while the EPA and DOT were backed up with mounds of paperwork. An integrated, highly practical approach to product developmentusing simultaneous engineering Industrial engineers and designers as well as managers working on new product development (NPD) typically do not have the time or the expertise to get involved in functions outside their immediate area. Yet the very nature of NPD requires a number of functions and processes to be performed concurrently. This is where simultaneous engineering comes in. Simultaneous Engineering for New Product Development offers state-of-the-art, integrated coverage of these two hot topics in manufacturing. Industry expert Jack Ribbens draws on firsthand experience with the successful application of simultaneous engineering in the automotive industry, discussing how this approach can help streamline the entire development and production process, resulting in high-quality, competitive goods. He examines all phases of the process, devoting a chapter to each key element-from market research to design and engineering to manufacturing, selling, and customer service and support. And while most books on concurrent engineering stress the theoretical aspects of the field, Ribbens's book is decidedly practical, complete with case studies from the automotive, aerospace, heavy vehicle, and electronic industries that can be applied to any manufactured product. With mathematical model development as well as useful graphs, checklists, and references, Simultaneous Engineering for New Product Development will help manufacturing professionals take advantage of new trends and technologies in manufacturing well into the twenty-first century. In der Automobilbranche findet zur Zeit ein intensiver Wandlungsprozess statt, der aus dem ständigen Kostendruck, dem zunehmenden Wettbewerb und der Geschwindigkeit, mit der neue Technologien auf dem Markt gelangen, resultiert. Hersteller, die diesen Umbruch bestehen möchten, müssen einerseits versuchen, die Effizienz sämtlicher Unternehmensprozesse zu verbessern, andererseits aber auch ihre Effektivität steigern, indem sie kontinuierlich neuartige Technologien hinsichtlich ihres Potentials evaluieren und gegebenenfalls in die eigenen Produkte integrieren. Letzteres dient vor allem dazu, anstelle immer neuer Ausstattungsvarianten den Kunden neuartige mobile Dienste anbieten zu können und so den sich verändernden Erwartungen der Kunden gerecht zu werden, indem sie deren Bedürfnis nach Information und Komfort – dem sogenannten tertiären Aufgabenbereich des Fahrers – befriedigen. Bislang haben die potentiell am Erstellungsprozess solcher Nutzungsinnovationen beteiligten Partner nur wenige Erfahrungen in der Gestaltung derartiger Automotive Software und Services. Daher wird im Rahmen der vorliegenden Dissertation ein Vorgehensmodell sowie die dazu passende Werkzeugunterstützung vorgestellt, welche die systematische Erstellung neuartiger Dienste für die Nutzung im Automobil ermöglichen. Im Fokus stehen Funktionen, mit denen der Autofahrer direkt interagiert, vor allem in Form mobiler Dienste im tertiären Aufgabenbereich. Das vorgeschlagene Vorgehensmodell basiert auf den identifizierten organisatorischen und technischen Besonderheiten der Automobilindustrie sowie bestehenden Vorgehensmodellen in der Dienstleistungs- und Softwareentwicklung. Eine besondere Rolle spielen dabei im Automobil erlebbare Prototypen, die zur Erhebung und Abstimmung von Anforderungen

eingesetzt werden, die Kommunikation zwischen verschiedenen Anspruchsgruppen unterstützen und die Möglichkeit bieten, Systemevaluationen durchzuführen. Als passendes Werkzeug zur Unterstützung der Entwicklung besteht ein weiterer Beitrag dieser Arbeit in einer modularen Prototypingplattform, die auf das Vorgehensmodell abgestimmt ist. Diese Plattform vereinfacht die Erstellung geeigneter Prototypen durch die Bereitstellung eines komponentenorientierten Frameworks und zahlreicher Basiskomponenten. Diese Komponenten ermöglichen den Zugriff auf verschiedene Schnittstellen zu Fahrzeug und Nutzer um so rasch qualitativ hochwertige Prototypen im späteren Nutzungskontext – dem Fahrzeug – für Evaluationen umsetzen zu können. Dabei ist die Architektur des Werkzeugs so gestaltet, dass auch noch nicht antizipierte Komponenten (z.B. neuartige Benutzer- oder Kommunikationsschnittstellen) hinzugefügt werden können und die Plattform damit auch in unterschiedlichen Zielumgebungen zum Einsatz kommen kann. Das vorgeschlagene Vorgehensmodell und das dazugehörige Werkzeuge ermöglicht die systematische Vorentwicklung komplexer mobiler Dienste – und erlaubt damit Automobilherstellern, deren Zulieferern und anderen Partnern die Durchführung von Innovationsprojekten in der nachgelagerten Wertschöpfung. Zusätzlich eröffnen sich Möglichkeiten für weiterführende Forschung in benachbarten Forschungsthemen, wie z.B. Open Innovation-Ansätzen zur Ideengenerierung und Kundenintegration, Communities für Kunden und neuartige Mensch-Maschine-Schnittstellen im Fahrzeug. In der Praxis erschließt vor allem die Prototypingplattform neue Einsatzgebiete: sie fand bereits Einzug in die Vorentwicklung als Visualisierungs- und Steuerungshilfe für technische Abläufe. In January 2000, Mercedes-Benz started to implement the Mercedes-Benz Prod- tion System (MPS) throughout its world-wide passenger car plants. This event is exemplary of a trend within the automotive industry: the creation and introduction of company-specific standardised production systems. It gradually emerged with the introduction of the Chrysler Operating System (COS) in the mid-1990s and represents a distinct step in the process towards implementing the universal pr- ciples of lean thinking as propagated by the MIT-study. For the academic field of industrial sociology and labour policy, the emergence of this trend seems to mark a new stage in the evolution of the debate about production systems in the auto- tive industry (Jürgens 2002:2), particularly as it seems to undermine the stand of the critics of the one-best way model (Boyer and Freyssenet 1995). The introduction of company-level standardised production systems marks the starting point of the present study. At the core of it is a case study about the M- cedes Benz Production System (MPS). Master's Thesis from the year 2018 in the subject Business economics - General, grade: 1,3, International University of Applied Sciences Bad Honnef - Bonn, language: English, abstract: The global economy is digitizing alongside the rapid developing technologies, digital value chains and process automation. Like many industries before, the automotive industry faces the challenge of disruption, driven by digitization across the value chain and changing customer expectations. A central aspect and major trend in this context is increasing connectivity and machine to machine communication. The connected vehicle is the logical next step that consumers expect from mobility as a service in the era of internet

and communication. The automotive industry however struggles to adopt as many car manufacturers, also known as original equipment manufacturers (OEMs), pursue their century old business models and established structures. The market environment is changing. New market entrants with technological expertise explore the mobility business and are siphoning off parts of the value chain with digitized business models. Blockchain and Smart Contracts are expected to enable new business models and automated processes on a scalable level and offer value in large network constructs. A Blockchain is a decentralized network technology, developed to enable the Bitcoin cryptocurrency. The interest in the technology has increased since its introduction in 2008 and accelerated with the reinvention of Smart Contracts. The possibility to embed self-executing, autonomous acting programs into a Blockchain solution attracted public interest and enabled first successful niche solutions. The reasons for the emerging interest in the technology are its features of providing security, data integrity or decentralization to potentially enable new business structures and models. Recent years have witnessed a paradigm shift in the understanding of vehicles and mobility as a service in the automotive market. The old, established design approach that OEMs pursue has detrimental effect on the environment and the capacity of urban areas. Blockchain and Smart Contracts are assessed as potential enablers of the internet of things and a shared economy. This thesis provides a detailed analysis of the automotive industry. A series of interviews with industry- and technology experts and the theoretical foundation of the literature review is then applied to design three specific application scenarios for the application of Blockchain technology and Smart Contracts in the automotive industry. Das Automobilgeschäft stellt in vielen Ländern einen bedeutenden Wachstumsmotor für die Wirtschaft dar. Um im globalen Wettbewerb zu bestehen, müssen die Unternehmen der Automobilindustrie ihre strategische Ausrichtung und ihr Marketing optimieren. Dazu bietet dieses Buch eine auf die Branche abgestimmte Übersicht zu allen wichtigen Aspekten für ein erfolgreiches Automotive Management. Erfolgsfaktoren und Lösungsansätze werden von Experten aus Wissenschaft, Beratung und Unternehmen der Automobilwirtschaft umfassend und ausführlich beschrieben und mit zahlreichen Beispielen aus der Praxis illustriert. Telematics in the automotive industry are the most popular example of Connected Services. But despite their implementation in several million of vehicles worldwide, there has only been little consideration in research. Clemens Hiraoka analyzes the entire customer lifecycle from awareness, acceptance, and usage to the renewal of the service contract and uncovers the drivers in each of these stages. His evaluation gives a series of new implications for management and research. A highly readable history of the passenger car transmission. From the earliest efforts to the present and beyond, Gott looks at transmission designs which have been novel, interesting, or instructive, with a special focus on those which have a direct lineage to the modern automatic transmission. Num "The Automotive Body" consists of two volumes. The first volume produces the needful cultural background on the body; it describes the body and its components in use on most kinds of cars and industrial vehicles: the quantity of drawings that are presented allows the reader to familiarize with the design features and to understand functions, design

motivations and fabrication feasibility, in view of the existing production processes. The second volume addresses the body system engineer and has the objective to lead him to the specification definition used to finalize detail design and production by the car manufacturer or the supply chain. The processing of these specifications, made by mathematical models of different complexity, starts always from the presentations of the needs of the customer using the vehicle and from the large number of rules imposed by laws and customs. The two volumes are completed by references, list of symbols adopted and subjects index. These two books about the vehicle body may be added to those about the chassis and are part of a series sponsored by ATA (the Italian automotive engineers association) on the subject of automotive engineering; they follow the first book, published in 2005 in Italian only, about automotive transmission. They cover automotive engineering from every aspect and are the result of a five-year collaboration between the Polytechnical University of Turin and the University of Naples on automotive engineering. This book covers one and a quarter century of the automobile, conceived as a cultural history of its technology, aimed at engineering students and all those who wish to have a concise introduction into the basics of automotive technology and its long-term development . Its approach is systemic and includes the behavior of drivers, producers, nonusers, victims, and other "stakeholders" as well as the discourse around mobility. Nowadays, students of innovation prefer the term co-evolution, emphasizing the parallel and mutually dependent development of technology and society. This acknowledges the importance of contingency and of the impact of the past upon the present, the very reason why The Evolution of Automotive Technology: A Handbook looks at car technology from a long-term perspective. Often we will conclude that the innovation was in the (re)arrangement of existing technologies. Since its beginnings, car manufacturers have brought a total of 1 billion automobiles to the market. We are currently witnessing an explosion toward the second billion. Looking back, we can see this history evolve through five distinctive phases: • Emergence (1880–1917) • Persistence (1917–1940) • Exuberance (1945–1973) • Doom (1973–2000) • Confusion (2001–present) The Evolution of Automotive Technology: A Handbook helps us understand how these phases impacted society and, in turn, shows us how car technology was influenced by car users themselves. Unsurpassed in coverage of the theory and procedures for automotive electricity and electronics, the newest edition of this highly successful classroom and shop manual is guaranteed to instill both the knowledge and skills critical to success in the industry. TODAY'S TECHNICIAN: AUTOMOTIVE ELECTRICITY & ELECTRONICS, 5TH EDITION has been updated to offer a more streamlined presentation of diagnostic and service procedures, as well as additional attention to data bus networks, including the CAN, LIN, ISO, and other common systems. The book also features expanded coverage of vehicle accessory systems, including the new multi-stage air bag systems, weight classification systems, side air bag systems, and laser-guided cruise control systems. An all-new chapter on hybrid and high voltage systems rounds out the up-to-date content, ensuring readers gain a strong working knowledge that of the latest industry trends and technologies. Important Notice: Media content referenced within the product description

or the product text may not be available in the ebook version. Looks at the evolution and impact of the automobile in Southern States during the first part of the twentieth-century. Der Wettbewerb um Marktanteile zwingt Automobilhersteller und Zulieferer, Modelllebenszyklen zu verkürzen und Modellpaletten zu erweitern. Systematisches Anlaufmanagement unterstützt Unternehmen dabei, den Serienanlauf sowohl technisch als auch ökonomisch erfolgreich zu gestalten. Das Buch stellt das wissenschaftlich fundierte „Integrierte Anlaufmanagementmodell" vor und vereint dabei die neuesten Kenntnisse aus Wissenschaft und Praxis. Es unterstützt Praktiker dabei, die Anlaufperformance ihrer Unternehmen nachhaltig zu steigern. This proceedings book includes papers that cover the latest developments in automotive vehicles and environment, advanced transport systems and road traffic, heavy and special vehicles, new materials, manufacturing technologies and logistics and advanced engineering methods. Authors of the papers selected for this book are experts from research, industry and universities, coming from different countries. The overall objectives of the presentations are to respond to the major challenges faced by the automotive industry, and to propose potential solutions to problems related to automotive technology, transportation and environment, and road safety. The congress is organized by SIAR (Society of Automotive Engineers from Romania) in cooperation with SAE International. The purpose is to gather members from academia, industry and government and present their possibilities for investigations and research, in order to establish new future collaborations in the automotive engineering and transport domain. This proceedings book is just a part of the outcomes of the congress. The results presented in this proceedings book benefit researchers from academia and research institutes, industry specialists, Ph.D. students and students in Automotive and Transport Engineering programs. Der Tagungsband zur ATZlive-Veranstaltung „Automotive Acoustics Conference 2019“ befasst sich mit technischer Akustik und NVH, welche zu den wichtigsten Indikatoren für Fahrzeugqualität und -verarbeitung gehören. Mit den grundlegenden Veränderungen der Antriebstechnik rücken diese Aspekte daher zunehmend in den Fokus der Automobilforschung und -entwicklung. Fahrzeugarchitekturen, Antriebssysteme und Designgrundsätze werden aufgrund der weltweiten Emissionsgesetzgebungen, die energieeffiziente Fahrzeuge fördern, einer kritischen Betrachtung unterzogen. Schon in sehr naher Zukunft muss die gleiche oder eine höhere NVH-Performance durch Leichtbaustrukturen, kleinere Motoren mit Turbolader oder alternative Antriebsstränge erreicht werden. Die internationale Automotive Acoustics Conference bietet hierfür ein wichtiges globales Forum für den Wissens- und Meinungsaustausch.

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