BEB Consulting & Coaching

Integration Noise and Vibration

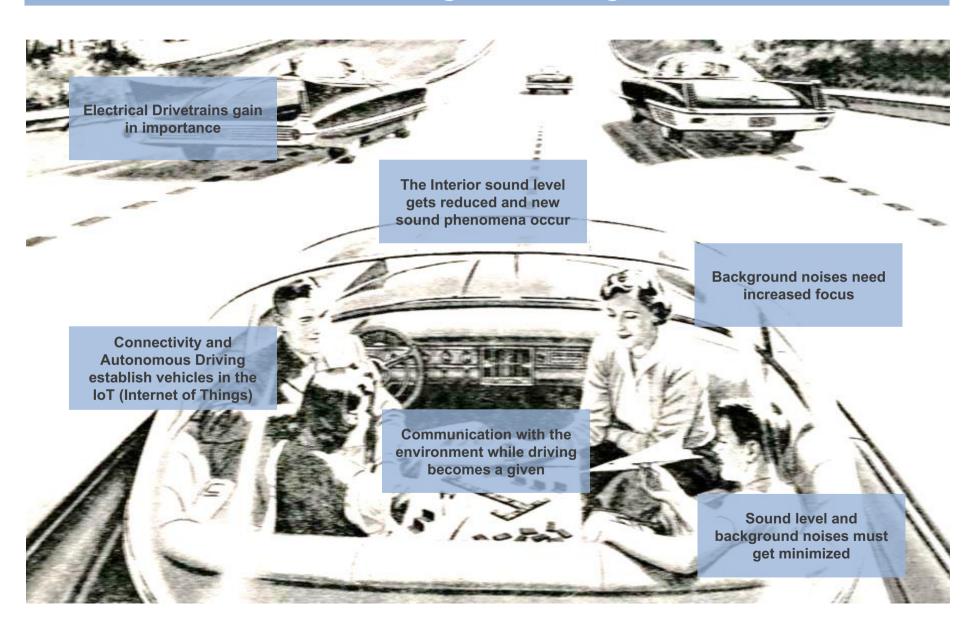
2018-02-01



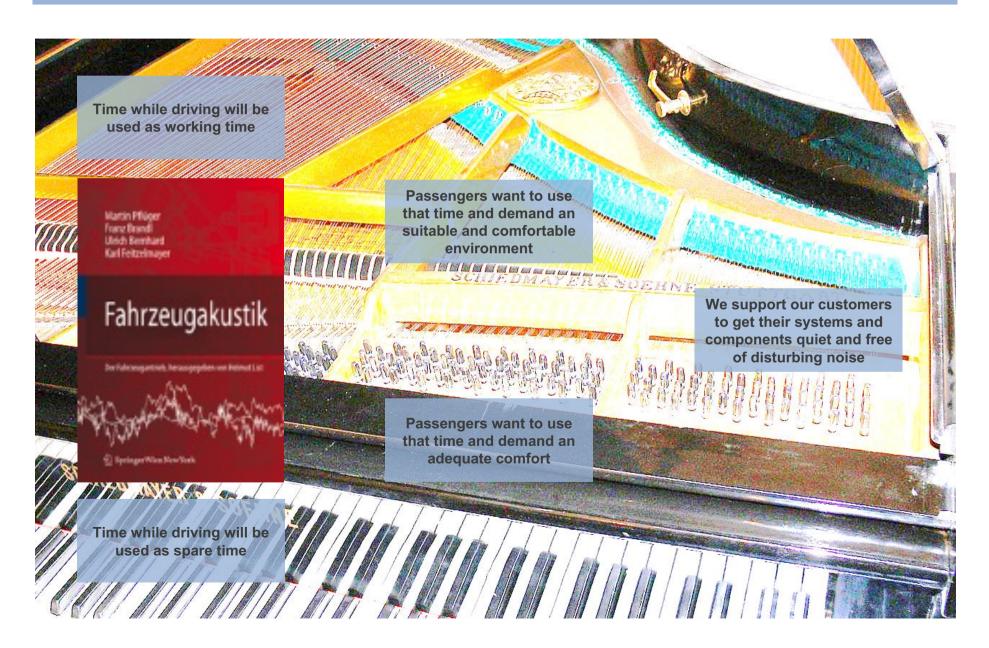
Prof. Dr. Ulrich Bernhard Managing Director

BEB Consulting & Coaching Sandstraße 12
D-64665 Alsbach-Hähnlein T +49 (0)6257-9985 399
F +49 (0)6257-9985 401
info@beb-consult.de
www.beb-consult.de

Technological Challenges



The Customer As Challenger



Excerpt of Projects

- Redesign of a compressor
 - Design-analysis with regard to airborne and structure-borne noise
 - Development of alternative design concepts
 - Preparation of prototypes to define the potentials of the alternatives
 - Calculation of cost effects
 - Discussion and definition of measures being realized in mass production
- Weakness- and potential analysis of a production HVAC-System
 - Interior and Exterior noise measurement
 - Transfer path analysis airborne and structure-borne noise
 - Weak points detection
 - Development of alternative solutions with the restraints of mass production
 - Potential identification by prototypes
 - Potential estimation of the alternatives for the mass production