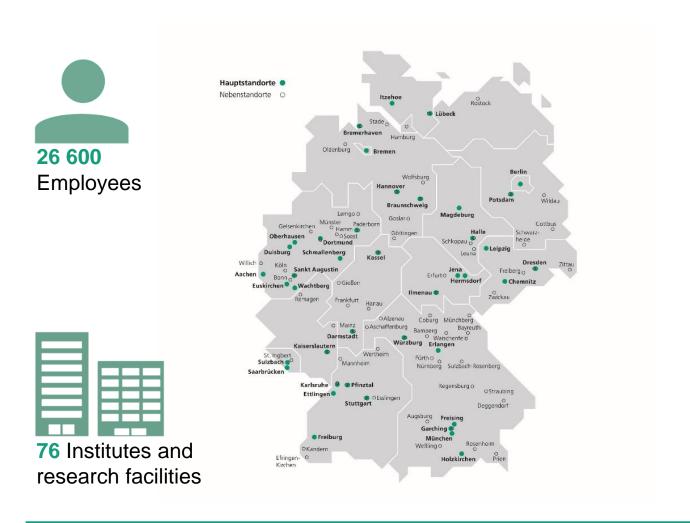




# **Overview of the Fraunhofer Society**

# Application-oriented research for the immediate benefit of the economy and society





# Fraunhofer Institut für Entwurfstechnik Mechatronik IEM Paderborn

Prof. Trächtler, <u>Prof. Dumitrescu</u>, Prof. Bodden
Distinct orientation towards **midsize companies**> **110 Employees** 

#### Fraunhofer IEM

# Fields of expertise

































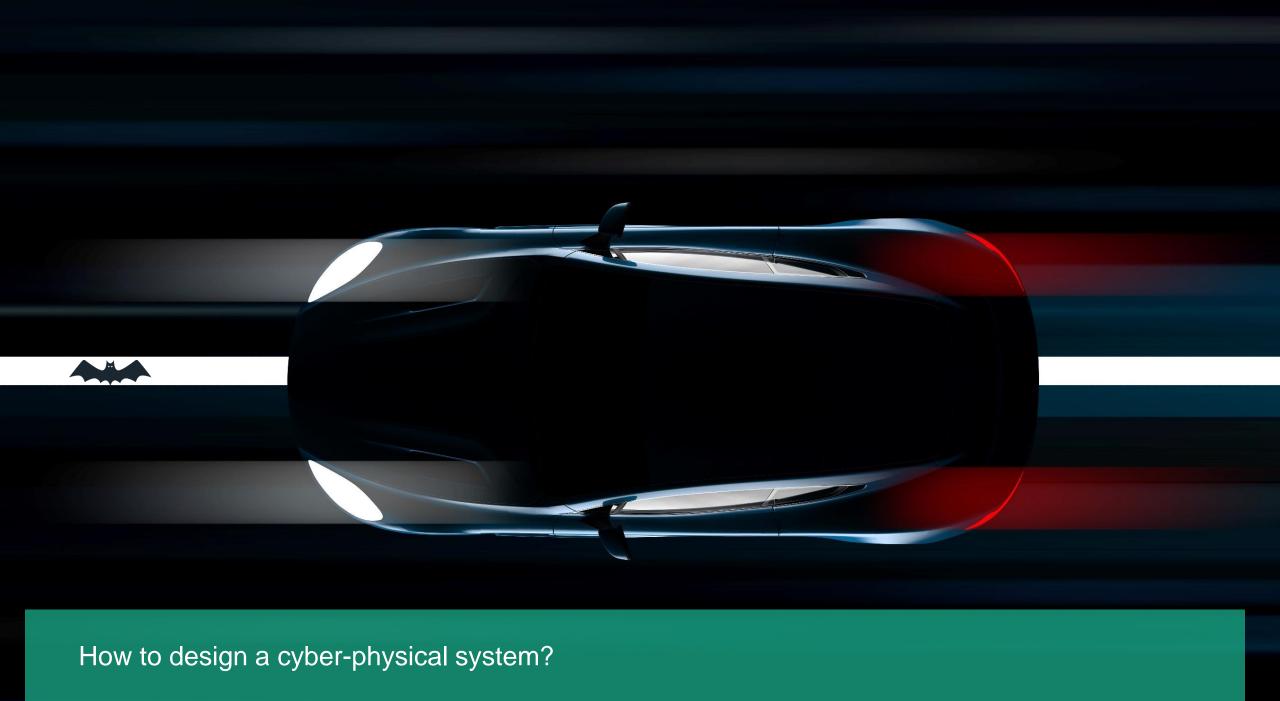
















### **Vision**

# **Advanced Digital Engineering**





How can creativity and communication be supported by the use new technologies?

How can the user be supported by the automated deduction of further relevant models by an artificial intelligence?

How can unstructured knowledge about threats and vulnerabilities from news, blogs, etc. be integrated automatically?







Source: Occulus VR

Source: Microsoft







