

Introduction

- 008 **Mobility Design: Research on the Design of Climate-Friendly and Sustainable Mobility** Kai Vöckler, Martin Knöll, Martin Lanzendorf, Peter Eckart, Stefan Göbel, Petra Schäfer, Annette Rudolph-Cleff, and Ralf Steinmetz
- 018 **Designing and Researching Intermodal Mobility** Peter Eckart and Kai Vöckler

Mobility Design

- 024 **Mobilities Design: Affordances, Atmospheres, Embodiments** Ole B. Jensen
- 032 **The Offenbach Model: Human-Centered Mobility Design** Kai Vöckler and Peter Eckart
- 050 **Shaping Mobility through Design? A Transdisciplinary Mobility Research Perspective** Andreas Blitz, Martin Lanzendorf, and Hannah Muggenburg
- 058 **Mobility Design Guide: Making Future Mobility Tangible and Experienceable** Andrea Krajewski, Sabine Reitmaier, Kai Vöckler, and Peter Eckart

Connective Mobility

- 072 **Changes in Mobility Behavior through Changes in the Sociocultural and Physical Environment: A Psychological Perspective** Sonja Haustein
- 082 **Mobility as a Key to the Livable City** Annette Rudolph-Cleff and Björn Hekmati

- 098 **Long-Term Focus Groups as a Mobility Research Method** Petra Schäfer, Dana Stolte, and Nicole Reinfeld
- 108 **Practice-Led Design Research (I): Configuring Transit Settings in Public Transportation** Anna-Lena Moeckl, Julian Schwarze, Peter Eckart, and Kai Vöckler
- 120 **Practice-Led Design Research (II): The Rickshaw Principle—Integrating Innovative Microvehicles into Existing Mobility Systems** Anna-Lena Moeckl, Julian Schwarze, and Peter Eckart

Active Mobility

- 130 **Healthy Blue Spaces: The Frankfurt Riverfront from a Perspective of Urban Design and Health** Martin Knöll
- 140 **Cycling and Bicycle Planning in Frankfurt am Main and Washington, DC** Ralph Buehler, Denis Teoman, and Brian Shelton
- 150 **Restorative Streets: A Conceptual Framework for Capturing—and Measuring—the Impact of Urban Street-scapes on Walkability and Mental Health** Jenny Roe and Andrew Mondschein
- 162 **Cycle Streets: Encouraging Cycling through Design** Janina Albrecht, Andreas Blitz, and Peter Eckart
- 172 **Practice-Led Design Research (III): Reconfiguring Bicycle Mobility and Integrating It into the Transport System** Anna-Lena Moeckl, Julian Schwarze, and Peter Eckart

178 **Road Closure as an Experimental Urban Design Tool Fostering Active Mobility: A Case of Frankfurt Mainkai Riverfront**
Lakshya Pandit

254 **Transportation in Transition: Theses on the Future of Urban Mobility and the Role of Mobility Design** Stephan Rammler

264 **Imprint**

Augmented Mobility

188 **Reinventing Public Transport: Autonomous Fleets in Place of Public Buses**
Weert Canzler and Andreas Knie

198 **Virtual Reality in Mobility Design: Experimental Research on the Application of VR Simulations** Julian Schwarze, Kai Vöckler, Stephen Hinde, Erwan David, Melissa Le-Hoa Vö, and Peter Eckart

216 **Serious Games and Gamification to Support Environmentally Friendly Mobility Behavior** Stefan Göbel, Thomas Tregel, Philipp Müller, and Ralf Steinmetz

224 **Playful Incentives for Sustainable Intermodal Mobility in the Mobile, User-Centered Application FlowMo** Sabine Reitmaier, Philipp Müller, Nicole Reinfeld, Thomas Tregel, Andrea Krajewski, Petra Schäfer, and Stefan Göbel

Visionary Mobility

234 **Designing the Data Environment: Mobility and the Future of Cities**
Claire Gorman, Fábio Duarte, Paolo Santi, and Carlo Ratti

244 **Perspectives on the Design of Expanded Mobility** Andrea Krajewski and Sabine Reitmaier