## **Table of Contents**

The Problem of Comparable GNSS Results – An Approach for a Uniform Dataset with Low-Cost and Reference Data  Pierre Reisdorf, Tim Pfeifer, Julia Bressler, Sven Bauer, Peter Weissig, Sven Lange, Gerd Wanielik, and Peter Protzel	1
Sensor Calibration and Registration for Mobile Manipulators  Steven Legowik, Roger Bostelman, and Tsai Hong	9
Plausibility Checks in Automotive Electronic Control Units to Enhance Safety and Security  Martin Ring and Reiner Kriesten	16
Test Results for V2V and V2I Optical Camera Communications  Byung Wook Kim, Hui-Jin Jeon, Soo-Keun Yun, and Sung-Yoon Jung	20
Technical Limitations, and Privacy Shortcomings of the Vehicle-to-Vehicle Communication  Markus Ullmann, Thomas Strubbe, and Christian Wieschebrink	22
Evaluating the Impact of Electric Vehicles on the Smart Grid Roozbeh Jalali, Zachary Hills, Khalil El-Khatib, Richard W. Pazzi, Daniel Hoornweg, and Kevin Myers	28