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MASTER THESIS

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Faculty of Computer Science
Design of Cyber-Physical Systems Workgroup

University of Kaiserslautern

as part of the degree program

COMPUTER SCIENCE

under supervision of

Prof. Dr. Christoph Grimm
M.Sc. Hagen Heermann

in Kaiserslautern

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Declaration

I hereby declare and confirm that this thesis is entirely the result of my own original work. Where other sources of information have been used, they have been indicated as such and properly acknowledged. I further declare that this or similar work has not been submitted for credit elsewhere.

Kaiserslautern, September 1, 2023

Moritz Herzog

Preface

This thesis is original, unpublished, independent work by the author, Moritz Herzog. It was submitted at the Faculty of Computer Science', Design of Cyber-Physical Systems Workgroup at the University of Kaiserslautern as part of the Applied Computer Science master degree program under supervision of Prof. Dr. Christoph Grimm and M. Sc. Hagen Heermann in Kaiserslautern on September 1, 2023.

Kurzfassung

Abstract

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Literature

- [Bat18] BATTY, Michael: Digital twins. In: *Environment and Planning B: Urban Analytics and City Science* 45 (2018), Nr. 5, S. 817–820. – ISSN 2399–8083
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