# TIM OESTERREICH BUILDING LARGE DYNAMIC TRUSS STRUCTURES

# BUILDING LARGE DYNAMIC TRUSS STRUCTURES

### TIM OESTERREICH



Using TrussFormer April 2018 – version 4.5

Tim Oesterreich: *Building Large Dynamic Truss Structures*, Using Truss-Former, © April 2018

# Ohana means family. Family means nobody gets left behind, or forgotten.

— Lilo & Stitch

Dedicated to the loving memory of Rudolf Miede.

1939 – 2005

#### ABSTRACT

Short summary of the contents in English...a great guide by Kent Beck how to write good abstracts can be found here:

https://plg.uwaterloo.ca/~migod/research/beck00PSLA.html

### ZUSAMMENFASSUNG

Kurze Zusammenfassung des Inhaltes in deutscher Sprache...

We have seen that computer programming is an art, because it applies accumulated knowledge to the world, because it requires skill and ingenuity, and especially because it produces objects of beauty.

— Donald E. Knuth [1]

#### ACKNOWLEDGMENTS

Put your acknowledgments here.

Many thanks to everybody who already sent me a postcard!

Regarding the typography and other help, many thanks go to Marco Kuhlmann, Philipp Lehman, Lothar Schlesier, Jim Young, Lorenzo Pantieri and Enrico Gregorio¹, Jörg Sommer, Joachim Köstler, Daniel Gottschlag, Denis Aydin, Paride Legovini, Steffen Prochnow, Nicolas Repp, Hinrich Harms, Roland Winkler, Jörg Weber, Henri Menke, Claus Lahiri, Clemens Niederberger, Stefano Bragaglia, Jörn Hees, Scott Lowe, Dave Howcroft, José M. Alcaide, and the whole LATEX-community for support, ideas and some great software.

Regarding LyX: The LyX port was intially done by Nicholas Mariette in March 2009 and continued by Ivo Pletikosić in 2011. Thank you very much for your work and for the contributions to the original style.

<sup>1</sup> Members of GuIT (Gruppo Italiano Utilizzatori di TEX e LATEX)

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INTRODUCTION

# RELATED WORK

# WALKTHROUGH

# HARDWARE

# CONCLUSION

### BIBLIOGRAPHY

[1] Donald E. Knuth. "Computer Programming as an Art." In: *Communications of the ACM* 17.12 (1974), pp. 667–673.

#### **DECLARATION**

I certify that the material contained in this thesis is my own work and does not contain unreferenced or unacknowledged material. I also warrant that the above statement applies to the implementation of the project.

Hiermit versichere ich, dass ich die vorliegende Arbeit selbstständig verfasst und keine anderen als die angegebenen Hilfsmittel verwendet habe. Ich erkläre hiermit weiterhin die Gültigkeit dieser Aussage für die Implementierung des Projekts.

Potsdam, April 2018	
	Tim Oesterreich

#### COLOPHON

This document was typeset using the typographical look-and-feel classicthesis developed by André Miede and Ivo Pletikosić. The style was inspired by Robert Bringhurst's seminal book on typography "The Elements of Typographic Style". classicthesis is available for both LATEX and LYX:

https://bitbucket.org/amiede/classicthesis/

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http://postcards.miede.de/

Thank you very much for your feedback and contribution.

Final Version as of April 25, 2018 (classicthesis version 4.5).