Hubert Baumeister - DTU Orbit (15/01/2018)

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Software Engineering

Publications:

**Domain Specific Language for Modeling Waste Management Systems**
Publication: Research › Ph.D. thesis – Annual report year: 2017

**An institution for object-z with inheritance and polymorphism**
Publication: Research - peer-review › Book chapter – Annual report year: 2015

**Capabilities for modelling of conversion processes in LCA**
Publication: Research - peer-review › Conference abstract in proceedings – Annual report year: 2015

**Capabilities For Modelling Of Conversion Processes In Life Cycle Assessment**
Damgaard, A., Zarrin, B., Tonini, D., Baumeister, H. & Astrup, T. F. 2015
Publication: Research - peer-review › Conference abstract for conference – Annual report year: 2015

**Towards Separation of Concerns in Flow-Based Programming**
Publication: Research - peer-review › Article in proceedings – Annual report year: 2015

**An environmental assessment system for environmental technologies**
Publication: Research - peer-review › Journal article – Annual report year: 2014

**Design of a Domain-Specific Language for Material Flow Analysis using Microsoft DSL tools: An Experience Paper**
Publication: Research - peer-review › Article in proceedings – Annual report year: 2015

**EASETECH – A LCA model for assessment of environmental technologies**
Publication: Research - peer-review › Conference abstract in proceedings – Annual report year: 2014

**Agile Processes in Software Engineering and Extreme Programming: 14th International Conference, XP 2013, Vienna, Austria, June 3-7, 2013. Proceedings**
Publication: Research - peer-review › Book – Annual report year: 2013

**LCA of waste management systems: Development of tools for modelling and uncertainty analysis**
Modelling sensitivity and uncertainty in a LCA model for waste management systems - EASETECH

On the dimensions of software documents — An idea for framing the software engineering process.

Modelling the CoCoME with the Java/A Component Model

UML-Based Web Engineering: An Approach Based on Standards

Algebraic specification in CASL

CAML Semantics

Projects:

**Domain Specific Lanquages for Waste Management Modelling**
Zarrin, B., Baumeister, H., Kindler, E., Mosses, P. D. & Wirsing, M.
15/12/2012 → 12/12/2016
Project: PhD

**Behavioural Modelling and Model-based Development of Protocol Software**
Simonsen, K. I., Kindler, E., Kristensen, L. M., Baumeister, H., Daniel, M. & Meling, H.
01/03/2011 → 21/11/2014
Project: PhD

**Flexible model structure for waste-LCA modelling - The next generation of the EASEWASTE model**
Clavreul, J., Christensen, T. H., Baumeister, H., Astrup, T., Eriksson, O. N. & Kirkeby, J. S.
01/01/2010 → 18/09/2013
Project: PhD

**Integrating Design Decision Management with Model-based Software Development**
01/02/2008 → 01/06/2011
Project: PhD
Secure Communication Protocols
Gao, H., Nielson, H. R., Baumeister, H., Cortesi, A. & Gilmore, S.
01/09/2004 → 29/05/2008
Project: PhD