Hubert Baumeister - DTU Orbit (31/12/2017)

Baumeister, Hubert
huba@dtu.dk
Department of Applied Mathematics and Computer Science - Associate Professor
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

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
Clavreul, J., Baumeister, H., Christensen, T. H. & Damgaard, A. 2014 In : Environmental Modelling & Software. 60, p. 18-30
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

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
Publication: Research - peer-review › Article in proceedings – Annual report year: 2013

On the dimensions of software documents — An idea for framing the software engineering process.
Publication: Research - peer-review › Article in proceedings – Annual report year: 2012

Modelling the CoCoME with the Java/A Component Model
Publication: Research - peer-review › Book chapter – Annual report year: 2008

UML-Based Web Engineering: An Approach Based on Standards
Publication: Research - peer-review › Book chapter – Annual report year: 2007

Algebraic specification in CASL
Baumeister, H. & Bert, D. 2006 Software specification Methods: An Overview Using a Case Study. ISTE Publishing Company
Publication: Research - peer-review › Book chapter – Annual report year: 2006

CASL Semantics
Publication: Research - peer-review › Book chapter – Annual report year: 2004

Projects:

Domain Specific Languages 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