Dines Bjørner - DTU Orbit (18/02/2018)
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Publications:

To every manifest domain a CSP expression – a rôle for mereology in computer science
Publication: Research - peer-review › Journal article – Annual report year: 2018

Manifest domains: analysis and description
Publication: Research - peer-review › Journal article – Annual report year: 2017

40 years of formal methods
Publication: Research - peer-review › Article in proceedings – Annual report year: 2014

Domain Endurants: An Analysis and Description Process Model
Publication: Research - peer-review › Book chapter – Annual report year: 2014

A Survey of Formal Methods in Software Development
Publication: Research - peer-review › Conference abstract in proceedings – Annual report year: 2012

Specifying Geographic Information - Ontology, Knowledge Representation, and Formal Constraints
Publication: Research › Ph.D. thesis – Annual report year: 2007

Software Engineering, vol. 1: Abstraction and Modelling
Publication: Research - peer-review › Book – Annual report year: 2006

Software Engineering, vol 2: Specification of Systems and Languages
Publication: Research - peer-review › Book – Annual report year: 2006

Software Engineering, vol. 3: Domains, Requirements and Software Design
Publication: Research - peer-review › Book – Annual report year: 2006

A Cloverleaf of Software Engineering
Publication: Research - peer-review › Article in proceedings – Annual report year: 2005

An Example Railway Domain
Publication: Research › Journal article – Annual report year: 2005

Multimodal Transportation Nets
Publication: Research › Journal article – Annual report year: 2005

Train Column
Publication: Research › Journal article – Annual report year: 2005
Train Column
Publication: Research › Journal article – Annual report year: 2005

Train Column
Publication: Research › Journal article – Annual report year: 2005

Construction informatics - Issues in engineering, computer science and ontology
Publication: Research › Ph.D. thesis – Annual report year: 2004

From Railway Resource Planning to Train Operation - a Brief Survey of Complementary Formalisations
Publication: Research - peer-review › Article in proceedings – Annual report year: 2004

The TRain Topical Day
Publication: Research - peer-review › Article in proceedings – Annual report year: 2004

Towards a Formal Model of CyberRail
Publication: Research - peer-review › Article in proceedings – Annual report year: 2004

UML-ising formal techniques
Publication: Research - peer-review › Book chapter – Annual report year: 2004

"UML-ing" Formal Techniques
Publication: Research - peer-review › Article in proceedings – Annual report year: 2004

An Ontology for a TripTych Formal Software Development
Publication: Research - peer-review › Article in proceedings – Annual report year: 2003

Publication: Research - peer-review › Article in proceedings – Annual report year: 2003

Domain Models of "The Market" - In Preparation for E-Commerce
Publication: Research - peer-review › Book chapter – Annual report year: 2003

Dynamics of Railway Nets: On an Interface between Automatic Control and Software Engineering
Publication: Research - peer-review › Article in proceedings – Annual report year: 2003

New Results and Trends in Formal Techniques for the Development of Software for Transportation Systems.
Publication: Research - peer-review › Article in proceedings – Annual report year: 2003

Railway Staff Rostering
Publication: Research - peer-review › Article in proceedings – Annual report year: 2003

The SE Book: Principles and Techniques of Software Engineering or orAn ABZ of The Theory & Practice of Software Engineering
Publication: Research - peer-review › Book – Annual report year: 2003

Towards Design Calculi for Requirements Engineering and Software Design
Publication: Research - peer-review › Article in proceedings – Annual report year: 2003
Train Maintenance Routing
Publication: Research - peer-review › Article in proceedings – Annual report year: 2003

What is a method? An Essay on some aspects of software engineering.
Publication: Research - peer-review › Book chapter – Annual report year: 2003

Computing Systems for Railways - A Role for Domain Engineering, Relations to Requirements Engineering and Software for Control Applications
Publication: Research - peer-review › Article in proceedings – Annual report year: 2002

Domain Models of "The Market" - in Preparation for E-Transaction Systems
Publication: Research - peer-review › Article in proceedings – Annual report year: 2002

Some Thoughts on Teaching Software Engineering - Central Roles of Semantics.
Publication: Research - peer-review › Article in proceedings – Annual report year: 2002

Some Thoughts on Teaching Software Engineering - The Role of Semantics
Publication: Research - peer-review › Book chapter – Annual report year: 2002

What is an Infrastructure?
Publication: Research - peer-review › Article in proceedings – Annual report year: 2002

What is an Infrastructure? Towards an Informatics Answer
Publication: Research - peer-review › Article in proceedings – Annual report year: 2002

Danske infra-strukturer: Menneskeskabte systemer og deres IT
Publication: Communication › Report – Annual report year: 2001

Domain modelling: resource management strategics, tactics and operations, decision support and algorithmic software
Publication: Research - peer-review › Book chapter – Annual report year: 2001

Informatics Models of Infrastructure Domains
Publication: Research - peer-review › Article in proceedings – Annual report year: 2001

On formal techniques in protocol engineering - example challenges
Publication: Research - peer-review › Article in proceedings – Annual report year: 2001

On teaching software engineering based on formal techniques
Publication: Research - peer-review › Journal article – Annual report year: 2001

Perspectives of System Informatics, IV
Publication: Research - peer-review › Book – Annual report year: 2001

Systematic use of E/S-commerce by governments
Publication: Research › Poster – Annual report year: 2001

Towards the E-Market: To understand the E-Market we must first understand "The Market"
Publication: Research - peer-review › Article in proceedings – Annual report year: 2001

Domain Engineering - A Software Engineering discipline In Need of Research
Publication: Research - peer-review › Article in proceedings – Annual report year: 2000
Domain Engineering, A Software Engineering Discipline in Need of Research
Publication: Research - peer-review › Article in proceedings – Annual report year: 2000

Domain Modelling: Resource Management: Strategics, Tactics and Operations
Publication: Research - peer-review › Article in proceedings – Annual report year: 2000

Domain Modelling: Resource Management Strategies, Tactics & Operations, Decision Support and Algorithmic Software
Publication: Research - peer-review › Article in proceedings – Annual report year: 2000

Domain Modelling: Resource Management Strategies, Tactics and Operations, Decision Support and Algorithmic Software
Publication: Research - peer-review › Article in proceedings – Annual report year: 2000

Formal Software Techniques in Railway Systems
Publication: Research - peer-review › Article in proceedings – Annual report year: 2000

Informatics: A Truly Interdisciplinary Science - Computing Science and Mathematics
Publication: Research › Article in proceedings – Annual report year: 2000

Informatics: A Truly Interdisciplinary Science Computing Science and Mathematics
Publication: Research - peer-review › Article in proceedings – Annual report year: 2000

Informatics: A Truly Interdisciplinary Science Prospects for an Emerging World
Publication: Research - peer-review › Article in proceedings – Annual report year: 2000

Informatics: A Truly Interdisciplinary Science Prospects for an Emerging World
Publication: Research - peer-review › Article in proceedings – Annual report year: 2000

Pinnacles of Software Engineering: 25 Years of Formal Methods
Publication: Research - peer-review › Journal article – Annual report year: 2000

A Triptych Software Development Paradigm: Domain, Requirements and Software
Publication: Research - peer-review › Book chapter – Annual report year: 1999

Computing from Unconventional Viewpoints
Publication: Research - peer-review › Book chapter – Annual report year: 1999

Where do Software Architectures come from ?: Systematic Development from Domains and Requirements. A
Publication: Research - peer-review › Journal article – Annual report year: 1999

Challenges in Domain Modelling: Algebraic or Otherwise
Publication: Research - peer-review › Book chapter – Annual report year: 1998

Challenges in Domain Modelling - Algebraic or Otherwise
Publication: Research - peer-review › Article in proceedings – Annual report year: 1998

Domains as a Prerequisite for Requirements and Software: Domain Perspectives and Facets, Requirements Aspects and
Software Views
Publication: Research - peer-review › Article in proceedings – Annual report year: 1998
Publication: Research › Article in proceedings – Annual report year: 1998

Issues in International Cooperative Research: Why not African, Asian and Latin American 'Esprits'?
Publication: Research - peer-review › Article in proceedings – Annual report year: 1998

Publication: Research - peer-review › Journal article – Annual report year: 1998

Where do software architectures come from?: The Devt. of an Airline Time-table System
Publication: Research - peer-review › Book chapter – Annual report year: 1998

Publication: Research - peer-review › Article in proceedings – Annual report year: 1997

A Normative Model of Concrete Banking Operations
Publication: Research - peer-review › Report – Annual report year: 1997

Michael Jackson's Frame Problems
Publication: Research - peer-review › Article in proceedings – Annual report year: 1997

Scheduling and rescheduling of trains
Publication: Research - peer-review › Book chapter – Annual report year: 1997

Formal, Model-oriented Software Development Methods - From VDM to ProCoS & from RAISE to LaCoS
Publication: Research - peer-review › Book chapter – Annual report year: 1997

Formalization of Database Models
Publication: Research - peer-review › Book chapter – Annual report year: 1982

Formalization of Database Systems – and a Formal Definition of {IMS}
Publication: Research - peer-review › Article in proceedings – Annual report year: 1982

On a Formal Model of the Tasking Concepts of Ada
Publication: Research - peer-review › Article in proceedings – Annual report year: 1980

Projects:

Geodata-Infrastruktur
Project: PhD

Design og Anvendelse af en byggeontologi - Design and Application of a civil engineering Ontology
Project: PhD

AMORE
Project

FMERail (ESPRIT Project EP26538)
Project
Domain and Requirements Engineering
Project

RaCoSy: Railway Computing Systems
Project

ATM'2000 - Air Traffic Management 2000
Project

BanCS - Banking Computing Systems
Project

MiTraS: Metropolitan Transport Systems
Project

Software Architecture and Program Organisation
Project

Programudviklingsmodeller i et hypertextbaseret informationssystem
Project: PhD

ProCoS - Provably Correct Systems
Project