Publications

Key Agreement in the Lightning Network Protocol

An Editor Calculus With Undo/Redo

Certifying Time Complexity of Agda Programs Using Complexity Signatures

Behavioural separation with parallel usages

A type-safe structure editor calculus

Going online: Student perspectives in a problem-based learning environment during the pandemic
HOW DID PBL MANAGE DURING THE TRANSITION TO ONLINE TEACHING DUE TO THE COVID-19 LOCKDOWN

A web-based platform for building PBL competences among students

Behavioural Types for Memory and Method Safety in a Core Object-Oriented Language

How higher education adapted to online teaching at aalborg university after COVID-19: Experiences and perspectives

Secrecy and authenticity properties of the lightning network protocol

Using session types for reasoning about boundedness in the pi-calculus

Locations and session types in a language with higher-order reflection

A Web-Based Platform for Competence Development in PBL Supervision

PBL og matematik

Building a new Community Around a Platform for Developing PBL Competences

A New Platform for Question-Based Sharing of Supervision Competencies in Problem-Based Learning

Context-Free Session Types for Applied Pi-Calculus
Flipped and blended classroom approaches at AAU: Theory, cases and toolbox

A Platform for Developing and Maintaining Competences in PBL Supervision

If PBL is the answer, then what is the problem?

Using session types for reasoning about boundedness in the π-calculus

Inferring types for parallel programs

Using Session Types for Reasoning About Boundedness in the Pi-Calculus

Binary Session Types for Psi-Calculi

Foundations of Session Types and Behavioural Contracts

Podcasting for Teaching and Learning in Higher Education

Students' Experiences of Change in a PBL Curriculum

Type Inference for Session Types in the Pi-Calculus

Broadcast and Aggregation in BBC
Studerendes oplevelse af reorganisering af problem-baseret læring på Aalborg Universitet

Types for resources in φ-calculi

How A Flipped Learning Environment Affects Learning In A Course On Theoretical Computer Science

Types for resources in ψi-calculi

A Secure Relay Protocol for Door Access Control

Experiences with Web-Based Peer Assessment of Coursework

Type-Based Automated Verification of Authenticity in Asymmetric Cryptographic Protocols

Typed ψi-calculi

Computing effects for correspondence types

Don’t Let The Opponents Grind You Down: Type Inference for a Correspondence Certifying Type System with Opponent Typing

Linear Uniform Receptiveness in a Pi-Calculus with Location Failures

Transitions and Trees: An Introduction to Structural Operational Semantics

Undecidable equivalences for basic parallel processes

Decidable Fragments of a Higher Order Calculus with Locations
Parametrised Constants and Replication for Spatial Mobility

Type inference for correspondence types

Verification of Correspondence Assertions in a Calculus for Mobile Ad Hoc Networks

Secrecy in Mobile Ad-hoc Networks

Type inference for a correspondence certifying type system

Types for Access Control in a Calculus of Mobile Resources

A Logical Characterisation of Static Equivalence

A Distributed Pi-Calculus with anonymous moves

Decidability Issues for Extended Ping-Pong Protocols

Sandboxing in a Distributed Pi-Calculus

Recursion Versus Replication in Simple Cryptographic Protocols

Recursion vs. Replication in Simple Cryptographic Protocols

Types for Access Control in a Calculus of Mobile Resources

Recursive Ping-Pong Protocols
Deciding framed bisimilarity

Aliasing Models for Mobile Objects
Huttel, H., Kleist, J., Nestmann, U. & Merro, M., 2002, In: Information and Computation. 175, 1, p. 3-33

Deciding Framed Bisimilarity

Deciding Framed Bisimilarity

Modal Logics for Cryptographic Processes

Modallogik

Montague-semantik

Aliasing Models for Object Migration

Migration = cloning; aliasing

Actions speak louder than words: Proving bisimilarity for context-free processes

Migration = cloning; aliasing


Surrogater i Øjeblik: mod migrerering i Obliq

Surrogates in Øjeblik: Towards Migration in Obliq
Objects, Types and Modal Logics


Bisimulations for Asynchronous Mobile Processes

Objects as Mobile Processes

Objects, Types and Modal Logics

Bisimulation equivalence is decidable for all context-Free processes

Bisimulations for Asynchronous Mobile Processes

Inferring Effect Types in an Applicative Language with Asynchronous Communication

Undecidable equivalences for basic process algebra

Undecidable equivalences for basic parallel processes

Bisimulation equivalence is decidable for context-free processes

Actions speak louder than words: Proving bisimilarity for context-free processes

Silence is golden: Branching bisimilarity is decidable for context-free processes

SnS can be modally characterized

The use of static constructs in a model process logic
Projects

BETTY: Behavioural Types for Reliable Large-Scale Software Systems
Hüttel, H.
01/10/2012 → 01/11/2015

Calculi and verification techniques for security and mobility, 1999-2001
Hüttel, H.
01/01/1999 → 31/12/2001

PBL og matematik: Hvordan kan PBL fungere på universitets grundfag? (Strategic Council for Education)
Søndergaard, B. D., Geil, O., Hüttel, H., Rasmussen, M. G. & Rasmussen, J. G.
01/01/2018 → 01/03/2019

TREsPASS: Technology-supported Risk Estimation by Predictive Assessment of Socio-technical Security
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FP7 ICT
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Vejledning og IT-platform: PBL Exchange
Hüttel, H., Gnaur, D. & Nørmark, K.
01/02/2017 → 01/05/2018

Press clippings

60.000 underskrev forsoningnu.dk
Hans Hüttel
08/03/2006
1 item of Media coverage

Ballade før demonstration
Hans Hüttel
09/06/2020 → 10/06/2020
5 items of Media coverage

Blade Runner: 6 teknologier som scifi-mesterværket forudså
Hans Huttel
05/10/2017
1 item of Media coverage

Datalog: Auditorier skader de studerende
Hans Hüttel
19/11/2015
2 items of Media coverage

Debat: Afskaf ikke gruppeeksamener
Hans Hüttel
10/12/2005
1 item of Media coverage

Debat Fyringer og usikkerhed ødelægger arbejdsmiljø og forskning
Hans Hüttel & Morten Ejrnæs
18/03/2019
1 item of Media coverage
Debat: Medarbejdere mener AAU-fyringer ødelægger arbejdsmiljø, uddannelser og forskning
Poul Houman Andersen, Jesper Lindgaard Christensen, Meg Duroux, Morten Ejrnæs, Hans Hüttel, Martin Bak Jørgensen, Preben Horsholt Rasmussen, Lars Rosgaard Jensen, Jens Kirk, Lone Stub Petersen, Janne Emily Seemann & Trine Schultz
21/03/2019
1 item of Media coverage

Det var ikke gået uden internet
Hans Hüttel
25/09/2006
1 item of Media coverage

Fuldt hus da Science Slam indtog Studenterhuset
Hans Hüttel
29/04/2014
1 item of Media coverage

Hans Hüttel om læseoplevelserne
Hans Hüttel
11/02/2006
1 item of Media coverage

Hjerne-Madsen underholder fuld AAU-sal
Hans Hüttel, Kim Toft Hansen & Winnie Jensen
04/11/2014
2 items of Media coverage

Kronik: Intelligent design
Hans Hüttel
31/10/2005
1 item of Media coverage

Lektor afleverede underskrifter for forsoning
Hans Hüttel
14/03/2006
5 items of Media coverage

Lektor afleverer 60.000 underskrifter for forsoning
Hans Hüttel
13/03/2006
4 items of Media coverage

Lektor er populær
Hans Hüttel
09/02/2014
4 items of Media coverage

Lyrisk rap-battle under Aarhus Festuge
Hans Hüttel
29/08/2012
2 items of Media coverage

Miljødeklaration og miljømoms
Hans Hüttel
18/01/2012
Millionstøtte fra Obels familiefond
12/09/2009
1 item of Media coverage

Mit elendige liv som troll
Hans Hüttel
12/11/2014
1 item of Media coverage

Navnestof: Hans Hüttel
Hans Hüttel
14/12/2011
5 items of Media coverage

Note
Hans Hüttel & Finn Kjærsdam
25/04/2014
2 items of Media coverage

Ny aktionsgruppe kalder på folkelig opstand
Louise Faber & Hans Hüttel
25/02/2019
4 items of Media coverage

Opfølgning på www.forsoningnu.dk
Hans Hüttel
27/05/2006
1 item of Media coverage

Ophedet debat -igen igen
Hans Hüttel
22/06/2014
1 item of Media coverage

Portræt: Bo Warming
Hans Hüttel
01/02/2007
1 item of Media coverage

Stor opbakning til underskriftsindsamling
Hans Hüttel
01/03/2006
1 item of Media coverage
Undergrunden vil se velforberedte rappertæsk
Hans Hüttel
13/09/2012
1 Item of Media coverage

Underskriftsindsamling for forsoning
Hans Hüttel
07/02/2006
1 Item of Media coverage

Underskriftsindsamling gik over al forventning
Hans Hüttel
01/03/2006
1 Item of Media coverage

Vejen gennem rock'n'roll
Hans Hüttel
26/04/2014
1 Item of Media coverage

Årets underviser
Hans Hüttel
12/09/2013
4 Items of Media coverage