Formalization of the Resolution Calculus for First-Order Logic
Publication: Research - peer-review › Journal article – Annual report year: 2018

A Dynamic Logic for Learning Theory
Publication: Research - peer-review › Article in proceedings – Annual report year: 2018

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Publication: Research - peer-review › Article in proceedings – Annual report year: 2018

Compressed and Practical Data Structures for Strings
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Optimal Mutation Rates for the $(1+ \lambda)$ EA on OneMax Through Asymptotically Tight Drift Analysis
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The bane of low-dimensionality clustering

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The impact of Parametrization on Randomized Search Heuristics

Dynamic Relative Compression, Dynamic Partial Sums, and Substring Concatenation

Contracting a planar graph efficiently

Best laid plans of lions and men

Fingerprints in compressed strings

Subsequence automata with default transitions
A Cycle of Maximum Order in a Graph of High Minimum Degree has a Chord
Harvey, D. J. 2017 In : The Electronic Journal of Combinatorics. 24, 4, 8 p., P4.33
Publication: Research - peer-review › Journal article – Annual report year: 2017

A Framework for Organization-Aware Agents
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Publication: Research - peer-review › Journal article – Annual report year: 2015

Cooperative epistemic multi-agent planning for implicit coordination
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Cycles through all finite vertex sets in infinite graphs
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Density of Real Zeros of the Tutte Polynomial
Publication: Research - peer-review › Journal article – Annual report year: 2017

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Fast Dynamic Arrays
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Publication: Research - peer-review › Journal article – Annual report year: 2017

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Formalizing a Paraconsistent Logic in the Isabelle Proof Assistant
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Publication: Research - peer-review › Journal article – Annual report year: 2016

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Bille, P. & Gørtz, I. L. 2017 Proceedings of ITiCSE ’17. 2 p.
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Leading the Teacher Team - Balancing Between Formal and Informal Power in Program Leadership
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Publication: Research - peer-review › Article in proceedings – Annual report year: 2017

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The dark side of interval temporal logic: marking the undecidability border
Time–space trade-offs for longest common extensions

Towards optimal packed string matching

Union-Find with Constant Time Deletions

A Comparison of Organization-Centered and Agent-Centered Multi-Agent Systems

Alternating-time temporal logic with finite-memory strategies

A method to derive fixed budget results from expected optimisation times

An Offer You Cannot Refuse: Obtaining Efficiency and Fairness in Preplay Negotiation Games with Conditional Offers

A Seligman-Style Tableau System

Belief Revision in the GOAL Agent Programming Language

Bioinspired computation in combinatorial optimization - Algorithms and their computational complexity
Neumann, F. & Witt, C. 2013 Proceeding of the fifteenth annual conference companion on Genetic and evolutionary computation. Association for Computing Machinery, p. 567-590

Bisimulation for Single-Agent Plausibility Models
Compact q-gram Profiling of Compressed Strings
Publication: Research - peer-review › Article in proceedings – Annual report year: 2013

Conceptual Pathway Querying of Natural Logic Knowledge Bases from Text Bases
Publication: Research - peer-review › Article in proceedings – Annual report year: 2013

Deciding between Conflicting Influences
Publication: Research - peer-review › Article in proceedings – Annual report year: 2013

Deciding Between Conflicting Influences
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Decomposing graphs into paths of fixed length
Thomassen, C. 2013 In : Combinatorica. 33, 1, p. 97-123
Publication: Research - peer-review › Journal article – Annual report year: 2013

Diagrammatic Reasoning with Classes and Relationships
Publication: Research - peer-review › Book chapter – Annual report year: 2013

Dimensions of Organizational Coordination
Publication: Research - peer-review › Article in proceedings – Annual report year: 2013

Engineering a Multi-Agent System in GOAL
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Evolutionary Algorithms for the Detection of Structural Breaks in Time Series
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Publication: Research - peer-review › Article in proceedings – Annual report year: 2013

Fingerprints in Compressed Strings
Publication: Research - peer-review › Article in proceedings – Annual report year: 2013
Program Leadership from a Nordic Perspective - Program Leaders' Power to Influence Their Program
Publication: Research - peer-review > Article in proceedings – Annual report year: 2013

Reimplementing a Multi-Agent System in Python
Publication: Research - peer-review > Report chapter – Annual report year: 2013

Reimplementing a Multi-Agent System in Python
Publication: Research - peer-review > Article in proceedings – Annual report year: 2013

Runtime analysis of ant colony optimization on dynamic shortest path problems
Lissovoi, A. & Witt, C. 2013 Proceeding of the fifteenth annual conference on Genetic and evolutionary computation. Association for Computing Machinery, p. 1605-1612
Publication: Research - peer-review > Article in proceedings – Annual report year: 2013

Sparse suffix tree construction in small space
Publication: Research - peer-review > Article in proceedings – Annual report year: 2013

Strategic games and truly playable effectivity functions
Publication: Research - peer-review > Journal article – Annual report year: 2013

Strength of the reversible, garbage-free $2^{K+1}$ multiplier
Publication: Research - peer-review > Article in proceedings – Annual report year: 2013

Tableau-based decision procedure for the multiagent epistemic logic with all coalitional operators for common and distributed knowledge
Publication: Research - peer-review > Journal article – Annual report year: 2013

Tableaux-Based Decision Method for Single-Agent Linear Time Synchronous Temporal Epistemic Logics with Interacting Time and Knowledge
Publication: Research - peer-review > Article in proceedings – Annual report year: 2013

The hardness of the functional orientation 2-color problem
Publication: Research - peer-review > Journal article – Annual report year: 2014
Projects:

**GÉANT Project**
Olesen, D.  
01/05/2016 → 31/12/2018

Activities:

**Talk in the Computational Logic Group at the University of Innsbruck**
Schlichtkrull, A. (Organizer)  
1 Mar 2018
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

**Proof Assistants and Related Tools - The PART & PART 2 Projects 2017**
Schlichtkrull, A. (Participant)  
9 Nov 2017
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

**TCS and PAM seminar**
Schlichtkrull, A. (Participant)  
3 Nov 2017
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

**Proof Assistants and Related Tools - The PART & PART 2 Projects 2017**
Schlichtkrull, A. (Participant)  
7 Sep 2017
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

**MAS & HOL**
Schlichtkrull, A. (Participant)  
28 Sep 2016
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

**Club2**
Schlichtkrull, A. (Participant)  
11 May 2016
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

**Proof Assistants and Related Tools - The PART & PART 2 Projects 2016**
Schlichtkrull, A. (Participant)  
20 Apr 2016
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

**Proof Assistants and Related Tools - The PART & PART 2 Projects 2015**
Schlichtkrull, A. (Participant)  
23 Sep 2015
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

Press clippings:

**Google-computers triumf er et lille skridt mod store samfundsomvæltninger**
Thomas Bolander  
16/03/2016
De fleste har jo tre-fire milliarder linjer kunstig intelligens-kode i lommen
Thomas Bolander
15/02/2016
1 media contribution
Press / Media

Dagen gryr for kunstig intelligens på de finansielle markeder
Thomas Bolander
08/02/2016
1 media contribution
Press / Media

Nu tager robotterne også specialistjob
Thomas Bolander
29/01/2016
1 media contribution
Press / Media

Om Star Wars, robotter og kunstig intelligens
Thomas Bolander
16/12/2015
1 media contribution
Press / Media

Har din robot forstået dig i dag?
Thomas Bolander
30/10/2015
1 media contribution
Press / Media

Skal vi frygte robotter?
Thomas Bolander
02/08/2015
1 media contribution
Press / Media

Memristor-hjerne kan revolutionere kunstig intelligens
Thomas Bolander
15/05/2015
1 media contribution
Press / Media

Om Blade Runner og menneskelig vs. kunstig intelligens
Thomas Bolander
07/05/2015
1 media contribution
Press / Media

Kunstig intelligens får højere IQ
Thomas Bolander
07/04/2015
1 media contribution
Press / Media
Skal vi bekymrede for udviklingen indenfor kunstig intelligens?
Thomas Bolander
12/03/2015
1 media contribution
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Om DeepMind og kunstig intelligens
Thomas Bolander
03/03/2015
1 media contribution
Press / Media

Glem dommedagsprofetierne om kunstig intelligens
Thomas Bolander
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1 media contribution
Press / Media

Når våben bestemmer over liv og død
Thomas Bolander
19/12/2014
1 media contribution
Press / Media

DR2 Dagen
Thomas Bolander
20/10/2014
1 media contribution
Press / Media

Kunstig intelligens og fremtidens robotter
Thomas Bolander
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