

# Hongkai Liu

## SCHOLARLY CONTRIBUTIONS

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### PUBLICATIONS IN REFEREED JOURNALS

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- 1) Hongkai Liu, Carsten Lutz, Maja Milicic, and Frank Wolter. **Foundations of Instance Level Updates in Expressive Description Logics**. *Artificial Intelligence*, 2011.

### REFEREED CONFERENCE PROCEEDINGS

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- 2) Franz Baader, Marcel Lippmann, and Hongkai Liu. **Using Causal Relationships to Deal with the Ramification Problem in Action Formalisms Based on Description Logics**. *LPAR*, 2010.
- 3) Franz Baader, Hongkai Liu, and Anees ul Mehdi. **Verifying Properties of Infinite Sequences of Description Logic Actions**. *ECAI*, 2010.
- 4) Conrad Drescher, Hongkai Liu, Franz Baader, Steffen Guhlemann, Uwe Petersohn, Peter Steinke, and Michael Thielscher. **Putting ABox Updates into Action**. *FroCoS*, 2009.
- 5) Hongkai Liu, Carsten Lutz, Maja Milicic, and Frank Wolter. **Reasoning about Actions using Description Logics with general TBoxes**. *JELIA*, 2006.
- 6) Hongkai Liu, Carsten Lutz, Maja Milicic, and Frank Wolter. **Updating Description Logic ABoxes**. *KR*, 2006.

### REFEREED WORKSHOP PAPERS

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- 7) Conrad Drescher, Hongkai Liu, Franz Baader, Peter Steinke, and Michael Thielscher. **Putting ABox Updates into Action**. *NRAC*, 2009.
- 8) Hongkai Liu, Carsten Lutz, and Maja Milicic. **The Projection Problem for EL Actions**. *DL*, 2008.
- 9) Hongkai Liu, Carsten Lutz, Maja Milicic, and Frank Wolter. **Description Logic Actions with general TBoxes: a Pragmatic Approach**. *DL*, 2006.
- 10) Sebastian Brandt and Hongkai Liu. **Implementing Matching in ALN**. *KI-ADL*, 2004.

### THESIS

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- 11) Hongkai Liu. **Computing Updates in Description Logics**. PhD thesis, Dresden University of Technology, Germany, 2010.
- 12) Hongkai Liu. **Matching in Description Logics with Existential Restrictions and Terminological Cycles**. Master thesis, Dresden University of Technology, Germany, 2005.