11th International Workshop
on the
Implementation of Logics

– Programm –

November 23rd, 2015

Session 1: Proof Search	
9:00-9:30	Urban, Veroff: *Experiments with State-of-the-art Automated Provers on Problems in Tarskian Geometry*
9:30-10:00	Li, Xiao, Xu: *On Reducing Clause DataBase in Glucose*
10:00-10:30	Morning Tea
Session 2: Applications	
10:30-11:00	Ahmed, Hasan, Tahar: *Towards Formal Reliability Analysis of Logistics Service Supply Chains using Theorem Proving*
11:00-11:30	Kaliszyk, Urban, Vyskocil: *Improving Statistical Linguistic Algorithms for Parsing Mathematics*
11:30-12:00	Leino: *Well-founded Functions and Extreme Predicates in Dafny: A Tutorial*
12:00-14:00	Lunch
Session 3: Calculi and Implementations	
14:00-14:30	Bury, Cauderlier, Halmagrand: *Implementing Polymorphism in Zenon*
14:30-15:00	Le Charlier, Atindehou: *A Method to Simplify Expressions: Intuition and Preliminary Experimental Results*
15:00-15:30	Protzenko: *Functional Pearl: the Proof Search Monad*
15:30-16:00	Afternoon Tea
Session 4: Proofs and Models	
16:00-16:30	Libal, Miller, Blanco: *Defining the meaning of TPTP formatted proofs*
16:30-17:00	Sutcliffe, Schulz: *The Thousands of Models for Theorem Provers (TMTP) Model Library - First Steps*
17:00-17:30	Heule, Biere: *Clausal Proof Compression*