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**KATHOLIEKE
UNIVERSITEIT
LEUVEN**

To Whom It May Concern

Heverlee, March 5, 2014

Concerning: Letter of recommendation for Mr. Joachim Jansen

Joachim Jansen is one of the PhD students in the Knowledge Representation and Reasoning (KRR) research group. The KRR group is a research group studying Knowledge-Base Systems. It is a subgroup of the Declarative Languages and Artificial Intelligence (DTAI) group at the KU Leuven.

Joachim started his PhD in September 2012. The FO(ID) language extends first-order logic with inductive definitions. Joachim developed a system that computes these definitions by using tabling in XSB when the definitions are used in a specific context. He published this work in ICLP2013: "Compiling input FO() inductive definitions into tabled Prolog rules for IDP3", Theory and Practice of Logic Programming, 13 (Special Issue 4-5), 691-704. At ICLP2013 Joachim also met Terrance Swift and David Warren. Being able to discuss some XSB issues with them in person was a unique opportunity for him. Some issues are still being discussed and work in progress.

Joachim is very interested in model revision for FO(.). He believes that the model revision theories can be modeled in FO(.) as his current work on approximating definitions is suggesting. He is keen on presenting his ideas during the doctoral consortium knowing that also in Logic Programming related research has been going on.

I believe that it will be very beneficial for Joachim to attend the Doctoral consortium so that he can continue to build his research network.

Yours sincerely,

Prof. Gerda Janssens

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