VISUAL LANGUAGES AND LOGIC

VLL 09

Corvallis, Oregon, USA

September 20th, 2009

Editors:

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Preface

This volume contains the proceedings of the Second International Workshop on Visual Languages and Logic (VLL 09), held in Corvallis, Oregon, USA, on the 20th September 2009, as a satellite event of the 2009 IEEE Symposium on Visual Languages and Human Centric Computing (VL/HCC 2009). The First International Workshop on Visual Languages and Logic was held in Coeur d’Alène, Idaho, USA, on the 23rd September 2007.

The goal of the VLL Workshop series is to bring together researchers to explore the current state of research at the intersection of visual languages and logic, including topics such as: graphical notations for logics (either classical or non-classical, such as first or higher order logic, temporal logic, description logic, independence friendly logic, spatial logic); diagrammatic reasoning; theorem proving; formalisation (syntax, semantics, reasoning rules); expressiveness of visual logics; visual logic programming languages; visual specification languages; applications; and tool support for visual logics.

The six papers presented here were each reviewed by three programme committee members, and provide an insight into some of the interesting combinations of logic and visualisation currently being investigated.

As anyone who has organised such a meeting knows, success depends on many people. We wish to thank the members of the Programme Committee, who, despite being given a very short time to complete their tasks, provided prompt and helpful feedback.

Thanks are also due to the VL/HCC 2009 organisers for providing the opportunity to run VLL 09, and for their logistic support, and to the Swedish Institute of Computer Science and Nokia for their sponsorship. Finally, to put on a workshop, one must have papers and speakers. Accordingly, we would like to thank our guest speaker, Frank Ruskey, the authors of the papers included here, and the speakers who will present them.

These proceedings will be published in volume 510 in the CEUR series, published electronically and available online at: http://ftp.informatik.rwth-aachen.de/Publications/CEUR-WS/.

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