

PREFACE

This special issue of Logical Methods in Computer Science presents a selection of papers presented at the joint *25th International Conference on Rewriting Techniques and Applications* and *12th International Conference on Typed Lambda Calculi and Applications* held in July 2014 in Vienna. This conference aimed at bringing together researchers working on rewriting, lambda-calculus, and strongly related topics such as proof theory. The two conferences have now merged into the conference *Formal Structures for Computation and Deduction*.

The two papers published in this special issue have been reviewed using the standard review mechanism of LMCS. They illustrate the diversity of the questions discussed during this meeting, ranging from the proof theory for non deterministic languages to the models of lambda calculus, through the complexity of unification.

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