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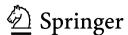
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David Van Horn · John Hughes (Eds.)

Trends in Functional Programming

17th International Conference, TFP 2016
College Park, MD, USA, June 8–10, 2016
Revised Selected Papers

Springer

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Preface

This volume contains a selection of papers presented at TFP 2016, the 17th International Symposium on Trends in Functional Programming, held during June 8–10, 2016, at the University of Maryland, College Park, USA.

TFP is an international forum for researchers with interests in all aspects of functional programming, taking a broad view of current and future trends in the area. It aspires to be a lively environment for presenting the latest research results and other contributions, described in draft papers submitted prior to the symposium, and lightly peer-reviewed for relevance. In total, 19 papers were presented at the symposium, together with keynote addresses by Ron Garcia (University of British Columbia), on "Static and Dynamic Type Checking: A Synopsis," and Steve Zdancewic (University of Pennsylvania), on "Type- and Example-Driven Program Synthesis." Full versions of 18 papers were then submitted, after the symposium, for inclusion in the proceedings. Each one was reviewed anonymously by, on average, 3.7 members of the Program Committee. As a result, revised versions of ten papers were selected for inclusion in this volume. The final selection spans novel implementation methods for functional languages (three papers), type inference and verification (three papers), and functional programming techniques and applications (four papers).

We are grateful to the Program Committee members for their hard work, and to the sponsors for their generous financial support.

January 2019   David Van Horn
                                                                                              John Hughes

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