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# Datalog Reloaded

First International Workshop, Datalog 2010  
Oxford, UK, March 16-19, 2010  
Revised Selected Papers

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ISSN 0302-9743

e-ISSN 1611-3349

ISBN 978-3-642-24205-2

e-ISBN 978-3-642-24206-9

DOI 10.1007/978-3-642-24206-9

Springer Heidelberg Dordrecht London New York

Library of Congress Control Number: 2011937827

CR Subject Classification (1998): H.2.4, H.4, I.2.4, C.2, H.3, H.5, D.1.6

LNCS Sublibrary: SL 3 – Information Systems and Application, incl. Internet/Web and HCI

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*Typesetting:* Camera-ready by author, data conversion by Scientific Publishing Services, Chennai, India

Printed on acid-free paper

Springer is part of Springer Science+Business Media ([www.springer.com](http://www.springer.com))

# Preface

This volume contains the proceedings of Datalog 2.0, a workshop celebrating the reemergence of datalog in academia and industry. Datalog 2.0 was held in 2010 during March 16–19 in Magdalen College, Oxford. We are proud to have contributions from many of the top researchers in deductive databases for this publication.

These proceedings consist of selected papers from the workshop, additionally refereed for this volume. They showcase the state of the art in theory and systems for datalog, divided into three sections: properties, applications, and extensions of datalog. Many exciting developments in datalog have occurred since the first datalog workshop in 1977 organized by Herve Gallaire and Jack Minker. By Datalog 2.0, datalog has surpassed its beginnings as an area of strictly academic interest and matured into a powerful tool for industrial use and scientific research. One need look no further than the papers in this volume for proof of this assertion. At the event itself, the Enterprise CIO of BestBuy, Neville Roberts, gave a talk on “Challenges of Enterprise IT,” making the case for datalog-based systems.

We would like to thank all the members of the Program Committee and the external reviewers for their excellent reviews. Further, we would like to express our appreciation to Magdalen College, Oxford, and the Oxford University Computing Laboratory for their gracious support of the workshop. In particular, we would like to thank Wendy Adams and Julie Sheppard for their hard work in organizing the workshop. We would also like to thank Springer for facilitating the publication of these proceedings as an LNCS volume. Finally, neither the workshop nor this volume would have been possible without the support from LogicBlox Inc., Semmle Ltd., and the DIADEM project (funded from the European Research Council under the European Community’s Seventh Framework Programme (FP7/2007–2013) / ERC grant agreement no. 246858).

April 2011

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