

TABLE OF CONTENTS

1	SIGMOD Officers, Committees, and Awardees
3	Editor's Notes
Database Principles	
5	Semantic Optimization in Tractable Classes of Conjunctive Queries <i>Pablo Barceló, Andreas Pieris, and Miguel Romero</i>
Surveys	
18	A Survey of Traditional and MapReduce-Based Spatial Query Processing Approaches <i>Hari Singh and Seema Bawa</i>
Systems and Prototypes	
30	Archimedes: Efficient Query Processing over Probabilistic Knowledge Bases <i>Yang Chen, Xiaofeng Zhou, Kun Li, and Daisy Zhe Wang</i>
Distinguished Profiles	
36	Beng Chin Ooi Speaks Out on Building a Strong Database Group <i>Marianne Winslett and Vanessa Braganholo</i>
Reports	
43	Report from the third workshop on Algorithms and Systems for MapReduce and Beyond (BeyondMR'16) <i>Foto N. Afrati, Jan Hidders, Christopher Ré, Jacek Sroka, and Jeffrey Ullman</i>



