TABLE OF CONTENTS

- SIGMOD Officers, Committees, and Awardees
- 3 Editor's Notes

Research Highlights

- Research Highlights: Bridging Theory and Practice with Query Log Analysis

 Leonid Libkin
- 6 Bridging Theory and Practice with Query Log Analysis
 Wim Martens and Tina Trautner
- Technical Perspective: εKTELO: A Framework for Defining Differentially-Private Computations

Graham Cormode

- εktelo: A Framework for Defining Differentially-Private Computations
 Dan Zhang, Ryan McKenna, Ios Kotsogiannis, George Bissias, Michael Hay,
 Ashwin Machanavajjhala, and Gerome Miklau
- Technical Perspective: Entity Matching with Quality and Error Guarantees

 Benny Kimelfeld and Wim Martens
- **24** Entity Matching with Quality and Error Guarantees *Yufei Tao*
- Technical Perspective: Efficient Query Processing for Dynamically Changing Datasets

 Wim Martens
- 33 Efficient Query Processing for Dynamically Changing Datasets
 Muhammad Idris, Martín Ugarte, Stijn Vansummeren, Hannes Voigt, and
 Wolfgang Lehner



TABLE OF CONTENTS (cont'd)

41	Technical Perspective: Efficient Signal Reconstruction for a Broad Range of
	Applications
	Zachary G. Ives
42	Efficient Signal Reconstruction for a Broad Range of Applications

- 42 Efficient Signal Reconstruction for a Broad Range of Applications

 Abolfazl Asudeh, Jees Augustine, Azade Nazi, Saravanan Thirumuruganathan,

 Nan Zhang, Gautam Das, and Divesh Srivastava
- Technical Perspective: How Do Humans and Data Systems Establish a Common Query Language?

 H. V. Jagadish
- How Do Humans and Data Systems Establish a Common Query Language?

 Ben McCamish, Vahid Ghadakchi, Arash Termehchy, Liang Huang, and Behrouz Touri
- Technical Perspective for: MATLANG: Matrix Operations and Their Expressive Power

 Dan Suciu
- MATLANG: Matrix operations and their expressive power

 Robert Brijder, Floris Geerts, Jan Van den Bussche, and Timmy Weerwag
- Technical Perspective: Online Model Management via Temporally Biased Sampling

 Ke Yi
- Online Model Management via Temporally Biased Sampling Brian Hentschel, Peter J. Haas, and Yuanyuan Tian
- 77 Technical Perspective: Succinct Range Filters
 Stratos Idreos
- 78 Succinct Range Filters
 Huanchen Zhang, Hyeontaek Lim, Viktor Leis, David G. Andersen, Michael Kaminsky,