# TABLE OF CONTENTS

1 SIGMOD Officers, Committees, and Awardees

4 Editor’s Notes

## Database Principles

6 Matrix Query Languages
   
   *Floris Geerts, Thomas Muñoz, Cristian Riveros, Jan Van den Bussche, and Domagoj Vrgoč*

## Advice to Mid-Career Researchers

20 What Becomes a Senior Researcher
   
   *H. V. Jagadish*

## The Future of Data(base) Education

23 VLDB Panel Summary: “The Future of Data(base) Education: Is the Cow Book Dead?”
   
   *Zack Ives, Johannes Gehrke, Jana Giceva, Arun Kumar, and Rachel Pottinger*

## DBrainstorming

27 Database Tuning using Natural Language Processing
   
   *Immanuel Trummer*

## Distinguished Profiles

29 Joy Arulraj Speaks Out on Non-Volatile Memory Database Systems
   
   *Marianne Winslett and Vanessa Braganholo*

## Reports

32 Report on the Third International Workshop on Semantic Web Meets Health Data Management (SWH 2020)
   
   *Haridimos Kondylakis, Kostas Stefanidis, and Praveen Rao*