Publisher’s Note

The Publisher would like to apologize for the compilation errors concerning the Special Sections published in Volume 38, issue 8; and Volume 39, issue 1. The errors are no fault of the Guest Editor or the Authors.

The original intention of the Guest Editor was to publish two separate but related Special Sections, each containing six unique papers and corresponding editorial.

Appearing in the Table of Contents, the title for both Special Sections appears as “Optimization Issues of Querying and Evolving Sensor and Stream Databases.” The publisher would like to note that this title is correct for the Special Section published in 38/8; however, the title for the Special Section in 39/1 should be “Advances in Managing, Updating and Querying Imprecise and Uncertain Sensor and Stream Databases.”

Further, the editorial belonging to the Special Section “Advances in Managing, Updating and Querying Imprecise and Uncertain Sensor and Stream Databases” was erroneously published for the Special Section

“Optimization Issues of Querying and Evolving Sensor and Stream Databases,” and vice versa.

The running order for each Special Section is also incorrect and should be as follows:

“Optimization Issues of Querying and Evolving Sensor and Stream Databases”

1. Adaptive Stratified Reservoir Sampling over Heterogeneous Data Streams by Mohammed Al-Kateb and Byung Suk Lee
2. Top-K/W Publish/Subscribe: A Publish/Subscribe Model for Continuous Top-K Processing over Data Streams by Krešimir Pripužić, Ivana Podnar Žarko and Karl Aberer
3. Supporting Historic Queries in Sensor Networks with Flash Storage by Adam Dou, Song Lin, Vana Kalogeraki and Dimitrios Gunopulos
4. Efficient Tracking of Moving Objects Using a Relational Database System by Andreas Behrend, Gereon Schüller and Monika Wieneke
5. Detecting and Monitoring Abrupt Emergences and Submergences of Episodes over Data Streams by Min Gan and Honghua Dai
6. Mining Frequent Item sets in a Stream by Toon Calders, Nele Dexters, Joris J.M. Gillis and Bart Goethals

“Advances in Managing, Updating and Querying Imprecise and Uncertain Sensor and Stream Databases”

1. Probabilistic Skyline Operator over Sliding Windows by Wenjie Zhang, Xuemin Lin, Ying Zhang, Wei Wang, Gaoping Zhu and Jeffrey Xu Yu
2. CIRCE: Correcting Imprecise Readings and Compressing Excrescent Points for Querying Common Patterns in Uncertain Sensor Streams by Jing He, Yanchun Zhang, Guangyan Huang, and Paulo de Souza
3. In-Network Approximate Computation of Outliers with Quality Guarantees by Nikos Giatrakos, Yannis Kotidis, Antonios Deligiannakis, Vasilis Vassalos and Yannis Theodoridi
4. An Integrated Framework for Managing Sensor Data Uncertainty using Cloud Computing by Byunggu Yu, Ranjan Sen and Dong H. Jeong
5. Approximation Trade-Offs in a Markovian Stream Warehouse: An Empirical Study by Julie Letchner, Magdalena Balazinska, Christopher Re and Matthai Philipose
6. Recognizing Patterns in Streams with Imprecise Timestamps by Haopeng Zhang, Yanlei Diao and Neil Immerman

Rebecca Capone

Publisher, Information Systems