Raytheon BBN Technologies

Q1 2018

- Title: Casts and Costs: Harmonizing Safety and Performance in Gradual Typing
  - Authors: John Peter Campora, Sheng Chen, Eric Walkingshaw
  - Venue: Int. Conf. on Functional Programming (ICFP'18)

- Title AutoMode: Relational Learning With Less Black Magic
  - Authors: Jose Picado, Sudhanshu Pathak, Arash Termehchy, and Alan Fern
  - Venue: The Proceedings of ICDE, April 2018.

- Title: Learning Over Heterogeneous Databases: Sampling and Constraints to the Rescue
  - Authors: Jose Picado, Sudhanshu Pathak, and Arash Termehchy
  - Venue: The Proceedings of SIGMOD Workshop on Data Management for End-to-End Machine Learning (DEEM), June 2018.

Q2 2018

- Title: Developing GUI Applications in a Verified Setting
  - Authors: Stephan Adelsberger, Anton Setzer, Eric Walkingshaw
  - Venue: Symp. on Dependable Software Engineering: Theories, Tools, and Applications (SETTA'18)

- Title: Declarative GUIs: Simple, Consistent, and Verified
  - Authors: Stephan Adelsberger, Anton Setzer, Eric Walkingshaw
  - Venue: Int. Symp. on Principles and Practice of Declarative Programming (PPDP'18)

- Title: Target Selection for Test-Based Resource Adaptation
  - Authors: Arpit Christi, Alex Groce
  - Venue: IEEE conference for Software Quality, Reliability and Security (QRS '18)

- Title: HetroLearn: Learning Over Multiple Databases
  - Authors: Jose Picado, Sudhanshu Pathak, and Arash Termehchy
  - Venue: The Proceedings of VLDB, August 2018.

- Title: Managing Structurally Heterogeneous Databases in Software Product Lines
  - Authors: Parisa Ataei, Arash Termehchy, and Eric Walkingshaw
  - Venue: VLDB Workshop on Polystores and Other Systems for Heterogeneous Data (Poly'18)

Q4 2018

- Title: A Semi-Autonomic Bytecode Repair Framework

- Authors: Jacob Staples, Charles Endicott, Lee Krause, Peter Samouelian, Partha Pal, Austin Wellman, Rick Schantz
- Venue: IEEE Software special issue: Building Long-Lived Adaptive Systems. IEEE Software Volume 36, Issue 2.
- J. Staples, C. Endicott, L. Krause, P. Pal, P. Samouelian, R. Schantz, A. Wellman, "A semi-autonomic bytecode repair framework", IEEE Software, vol. 36, no. 2, pp. 97-102, 2019.