

Publication List — Maski Waga

Publications

- 2020** Masaki Waga, Étienne André, Ichiro Hasuo. "Model-Bounded Monitoring of Hybrid Systems.", under review.
- Elena Gutiérrez, Takamasa Okudono, Masaki Waga, Ichiro Hasuo. "Genetic Algorithm for the Weight Maximization Problem on Weighted Automata.", To appear in *Proc. GECCO 2020*.
- Takamasa Okudono, Masaki Waga, Taro Sekiyama, Ichiro Hasuo. "Weighted Automata Extraction from Recurrent Neural Networks via Regression on State Spaces.", To appear in *Proc. AAAI 2020*.
- Masaki Waga. "Falsification of cyber-physical systems with robustness-guided black-box checking.", In *Proc. HSCC 2020*: 11:1-11:13.
- 2019** Masaki Waga. "Online Quantitative Timed Pattern Matching with Semiring-Valued Weighted Automata.", In *Proc. FORMATS 2019*: 3-22.
- Masaki Waga, Étienne André, Ichiro Hasuo. "Symbolic Monitoring Against Specifications Parametric in Time and Data.", In *Proc. CAV (1) 2019*: 520-539.
- Masaki Waga, Étienne André. "Online Parametric Timed Pattern Matching with Automata-Based Skipping.", In *Proc. NFM 2019*: 371-389.
- 2018** Masaki Waga, Ichiro Hasuo. "Moore-Machine Filtering for Timed and Untimed Pattern Matching.", In *IEEE Trans. on CAD of Integrated Circuits and Systems* 37.11 (2018): 2649-2660.
- Masaki Waga, Ichiro Hasuo, Kohei Suenaga. "MONAA: A Tool for Timed Pattern Matching with Automata-Based Acceleration.", In *Proc. MT@CPSWeek 2018*: 14-15.
- Étienne André, Ichiro Hasuo, Masaki Waga. "Offline Timed Pattern Matching under Uncertainty.", In *Proc. ICECCS 2018*: 10-20.
- 2017** Masaki Waga, Ichiro Hasuo, Kohei Suenaga. "Efficient Online Timed Pattern Matching by Automata-Based Skipping.", In *Proc. FORMATS 2017*: 224-243.

- 2016** Masaki Waga, Takumi Akazaki, Ichiro Hasuo. "A Boyer-Moore Type Algorithm for Timed Pattern Matching.", In *Proc. FORMATS 2016*: 121-139.