Alkis Gkotovos – Curriculum Vitae

Education

2013 – 2018   PhD in Computer Science
ETH Zurich
Advisor: Prof. Andreas Krause

2011 – 2013   MSc in Computer Science (WITH DISTINCTION)
ETH Zurich

2005 – 2011   Diploma in Electrical and Computer Engineering (SUMMA CUM LAUDE)
National Technical University of Athens

1999 – 2005   Experimental Music High School of Pallini, Athens

Peer-reviewed Publications

○ A. Gotovos, H. Hassani, A. Krause, and S. Jegelka. "Discrete Sampling using Semigradient-based Product Mixtures". In *Conference on Uncertainty in Artificial Intelligence (UAI)*. 2018.

○ A. Gotovos, S. H. Hassani, and A. Krause. "Sampling from Probabilistic Submodular Models". In *Neural Information Processing Systems (NIPS)*. 2015.

○ Y. Sui, A. Gotovos, J. W. Burdick, and A. Krause. "Safe Exploration for Optimization with Gaussian Processes". In *International Conference on Machine Learning (ICML)*. 2015.

○ A. Gotovos, A. Karbasi, and A. Krause. "Non-monotone Adaptive Submodular Maximization". In *International Joint Conference on Artificial Intelligence (IJCAI)*. 2015.

○ L. Heng, A. Gotovos, A. Krause, and M. Pollefeys. "Efficient Visual Exploration and Coverage with a Micro Aerial Vehicle in Unknown Environments". In *International Conference on Robotics and Automation (ICRA)*. 2015.

○ G. Hitz, A. Gotovos, F. Pomerleau, M.-E. Garneau, C. Pradalier, A. Krause, and R. Siegwart. "Fully Autonomous Focused Exploration for Robotic Environmental Monitoring". In *International Conference on Robotics and Automation (ICRA)*. 2014.

○ A. Gotovos, N. Casati, G. Hitz, and A. Krause. "Active Learning for Level Set Estimation". In *International Joint Conference on Artificial Intelligence (IJCAI)*. 2013.

○ M. Christakis*, A. Gotovos*, and K. Sagonas. "Systematic Testing for Detecting Concurrency Errors in Erlang Programs". In *International Conference on Software Testing, Verification and Validation (ICST)*. 2013.

○ A. Gotovos, M. Christakis, and K. Sagonas. "Test-driven development of concurrent programs using Concuerror". In *ACM SIGPLAN Erlang Workshop*. 2011.

*: Authors in alphabetical order.

Student Supervision

2018   Master's semester project (co-supervised with Josip Djolonga)
Topic: Supervised and Unsupervised Learning via Inference in Spanning Tree Models
Student: Calin Cruceru

2018   Master's semester project
Topic: Learning Discrete Distributions using Generative Adversarial Networks
Student: Dimitrios Koutsoukos

2017   MSc thesis (co-supervised with Sebastian Tschiatscheck)
Topic: Learning Distributions over Sequences of Items
Student: Aleksandra Klimkina

2016   MSc thesis (co-supervised with Sebastian Tschiatscheck)
Topic: Probabilistic Modeling of City-scale Image Collections
Student: Diego Ballesteros

2014   Master's semester project
Topic: A Smartphone App for Active Sensing, Steering and Information Gathering
Students: Diego Ballesteros and Sevgi Kaya

Teaching Activities

Fall 2018   Teaching Assistant, Probabilistic Artificial Intelligence, ETH Zurich

Fall 2017   Head Teaching Assistant, Probabilistic Artificial Intelligence, ETH Zurich

Spring 2017   Teaching Assistant, Learning and Intelligent Systems, ETH Zurich

Fall 2016   Teaching Assistant, Probabilistic Artificial Intelligence, ETH Zurich

Spring 2016   Teaching Assistant, Learning and Intelligent Systems, ETH Zurich

Fall 2015   Teaching Assistant, Data Mining, ETH Zurich

Spring 2015   Teaching Assistant, Learning and Intelligent Systems, ETH Zurich

Fall 2014   Head Teaching Assistant, Probabilistic Artificial Intelligence, ETH Zurich

Spring 2014   Teaching Assistant, Computational Intelligence Lab, ETH Zurich

Reviewing Activities

Conferences   NIPS, ICML, IJCAI, AAAI, KDD
Journals   JMLR, JRSS

Prizes and Awards

Sep '13   ETH Medal for outstanding MSc thesis.

Jun '11   Graduated from NTUA ranked 4th among approx. 450 students of my class.

Jun '07   State Scholarships Foundation award for ranking 1st in the year among approx. 450 students of my class.

Jun '07   Papakyriakopoulos award for excellence in Mathematics.