

Alkis Gotovos – 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 & Awards

- 2013 ETH Medal for outstanding MSc thesis.
- 2011 Graduated from NTUA ranked 4th among approx. 450 students of my class.
- 2007 State Scholarships Foundation award for ranking 1st in the year among approx. 450 students of my class.
- 2007 Papakyriakopoulos award for excellence in Mathematics.