STUDENT PRESENTATIONS

3/9 Sameer Kulkari
Improving Both the Performance Benefits and Speed of Optimization Phase Sequence Searches, Prasad Kulkarni, Michael R. Jantz, David B. Whalley

3/9 Scott Grauer-Gray
ACME: adaptive caching using multiple experts, I Ari, A Amer, R Gramacy, EL Miller, SA Brandt

3/18 Akanksha Kaul
SBMDS: an interpretable string based malware detection system using SVM ensemble with bagging, Yanfang Ye, Lifei Chen, Dingding Wang, Tao Li, Qingshan Jiang, Min Zhao

3/18 Sandeep D. Nagaraj
Detection of unknown computer worms based on behavioral classification of the host, Robert Moskovitch, Yuval Elovici, Lior Rokach

3/23 Preeti Anday
A Blackboard-Based Learning Intrusion Detection System: A New Approach, Mayukh Dass, James Cannady, and Walter D. Potter

3/23 Suman Chander
Automatic Software Fault Diagnosis by Exploiting Application Signatures, Xiaoning Ding, Hai Huang, Yaoping Ruan, Anees Shaikh, Xiaodong Zhang

3/25 Ashique Mahmood
Learning to detect phishing emails, Ian Fette, Norman Sadeh, Anthony Tomasic

3/25 Tom St. John
Iterative Optimization in the Polyhedral Model: Part I, One-Dimensional Time, Louis-Noel Pouchet, Cedric Bastoul, Albert Cohen and Nicolas Vasilache

4/6 Sandeep Kumar Dhankar
Finding Similar Failures Using Callstack Similarity, Kevin Bartz, Jack W. Stokes, John C. Platt

4/6 Ashwani Pratap Rao
Learning to Detect and Classify Malicious Executables in the Wild, J Zico Kolter, Marcus Maloof

4/8 Koundinya Surepeddi
A Framework for Extrusion Detection Using Machine Learning, Yan Luo, Tsai, J.J.P.

4/8 Harman Patial
A Neuroevolution Method for Dynamic Resource Allocation on a Chip Multiprocessor, Faustino Gomez, Doug Burger, Risto Miikkulainen

4/13 Rag Mayur Chevuri
Behavioral Classification, Tony Lee & Jigar J. Mody
4/13 Sandeep Kumar
An SVM-based machine learning method for accurate internet traffic classification, Ruixi Yuan, Zhu Li, Xiaohong Guan and Li Xu

4/15 Suparna Manjunath
Behavioral Detection of Malware on Mobile Handsets, Abhijit Bose, Xin Hu, Kang G. Shin, Taejoon Park

4/15 Divya Muppaneni
Portable compiler optimization across embedded programs and microarchitectures using machine learning, Christophe Dubach, Tim Jones, Edwin Bonilla, Grigori Fursin, Mike O'Boyle

4/20 Cagri Sahin

4/20 Satyajeet Ballurkar
Automatic Analysis of Malware Behavior using Machine Learning, Konrad Rieck, Philipp Trinius, Carsten Willems, and Thorsten Holz

4/22 Alparslan Sari
Collective optimization, Grigori Fursin, Olivier Temam.

4/22 Muhsin Ugur
Reducing Training Time in a One-shot Machine Learning-based Compiler, John Thomson, Michael O’Boyle, Grigori Fursin, Bjorn Franke

4/27 Caghan Demirci
Exploring and Predicting the Architecture/Optimising Compiler Co-Design Space, Christophe Dubach, Timothy M. Jones and Michael F.P. O’Boyle

4/27 John Tully

4/29 Feray Demirci
Branch Prediction with Bayesian Networks, Jeremy Singer, Gavin Brown, Ian Watson

4/29 Zhuo Ivanka Li
Cloud-Enabled Scalable Decision Tree Construction, Yuzhang Han, Peter Brezany, I. Janciak

5/4 Eunjung Park
COLE: Compiler Optimization Level Exploration, Kenneth Hoste, Lieven Eeckhout

5/6 Poonam Chawla
A Cross-Input Adaptive Framework for GPU Program Optimizations, Yixun Liu, Eddy Z. Zhang, and Xipeng Shen

5/6 Nimmy Kurien
An Analytical Model for a GPU Architecture with Memory Level and Thread level Parallelism Awareness, Sunpyo Hong, Hyesoon Kim