

Computer Architecture

Discussion Session

ETH Zürich
Fall 2018
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Agenda for Today

- Questions from Mid-Term and Final Exams – Fall 2017
 - GPU and SIMD
 - In-DRAM Bitmap Indices
 - Cache Performance Analysis
 - SIMD
 - DRAM Refresh
 - Caching vs. Processing-in-Memory
 - Cache Reverse Engineering
 - Emerging Memory Technologies
 - Branch Prediction