

15-745 Optimizing Compilers, Spring 2014  
Schedule for In-Class Discussions

**Day 1:** *Tuesday, March 4th*

Table 1: Day 1 Discussion Leaders

Topic	Time Slot	Discussion Leaders
Optimizations for Dynamic Languages (e.g., Javascript)	9:00-9:20	Alejandro Carbonara Zhe Qian
Dynamic and Profile-Based Code Optimization	9:20-9:40	Siddhartha Jain Christian Kroer
Machine Learning and Optimizations	9:40-10:00	Logan Brooks Danny Zhu
Information Flow and Security	10:00-10:20	Sam Gottlieb Jonathan Burket

**Day 2:** *Wednesday, March 5th*

Table 2: Day 2 Discussion Leaders

Topic	Time Slot	Discussion Leaders
Pointer Analysis	9:00-9:20	Samir Jindel Ahmed Bougacha
Cache Optimizations	9:20-9:40	Prashanth Suresh Dong Zhou
Instruction Scheduling	9:40-10:00	Miguel Araujo Naman Jain
Compiler Support for Approximate Computing	10:00-10:20	Nandita Vijaykumar Yixin Luo

**Day 3:** *Thursday, March 6th*

Table 3: Day 3 Discussion Leaders

Topic	Time Slot	Discussion Leaders
Compiling for GPUs	9:00-9:20	Ben Humberston Yuzi Nakamura
Exploiting Data Parallelism	9:20-9:40	Shen Chen Xu Jakub Pachocki
Automatically Creating Parallel Threads	9:40-10:00	Nathan Fulton Adu Bhandaru
Creating Parallel Threads Speculatively	10:00-10:20	Joseph Lee Hongyi Xin