

15-745 Optimizing Compilers, Spring 2011
Schedule for In-Class Discussions

Day 1: *Tuesday, March 1st, 2011*

Table 1: Day 1 Discussion Leaders

Topic	Time Slot	Discussion Leaders
Optimizations for Dynamic Languages	9:00-9:20	Yair Movshovitz-Attias Dana Movshovitz-Attias
Dynamic Code Optimizations	9:20-9:40	Chris Fallin Nathan Snyder
Profile- Directed Optimizations	9:40-10:00	Gennady Pekhimenko
Information Flow and Security	10:00-10:20	David Renshaw Soonho Kong

Day 2: *Wednesday, March 2nd, 2011*

Table 2: Day 2 Discussion Leaders

Topic	Time Slot	Discussion Leaders
Pointer Analysis	9:00-9:20	Nicholas Tan Ben Blum
Software Pipelining	9:20-9:40	Mark Hahnenberg Fuyao Zhao
Optimizing Streams	9:40-10:00	Q Youn Hong
Compiling for GPUs	10:00-10:20	Cyrus Omar Salil Joshi

Day 3: *Thursday, March 3rd, 2011*

Table 3: Day 3 Discussion Leaders

Topic	Time Slot	Discussion Leaders
Register Allocation	9:00-9:20	Richard Peng Jamie Morgenstern
Cache Optimizations	9:20-9:40	Gabriel Weisz Luke Zarko
Machine Learning and Optimizations	9:40-10:00	Julian Shun Nan Li
Mathematical / Statistical Approaches to Optimization	10:00-10:20	Brendan Meeder