

MATH 18.994 SCHEDULE FALL 2015

Upcoming student lectures:

- (1) 10/5: Matt D. and James - Chapter 1: Section 8 up to (but not including) 8.3.
- (2) 10/13: Adam and Mark - Chapter 1: 8.3 up to (not including) Proposition 1.39.
- (3) 10/14: Eli and Victor - The Harnack inequality (pages 333-334 in Evans, PDE) and Fredholm Alternative (page 303 in Evans, PDE).
- (4) 10/19: Matt B. and Victor - Chapter 1: Proposition 1.39.
- (5) 10/21: Yuzhou and Tianyou - Chapter 1: Appendix on the Bochner Formula.
- (6) 10/26: Shi and Morris - Chapter 2: Simons' equation - finish with (2.16).
- (7) 10/28: Eli and Morris - Chapter 2: Simons' inequality - start assuming (2.16).
- (8) 11/2: Matt D. and James - Chapter 2: Section 2 (Choi-Schoen).
- (9) 11/4: Tianyou and Matt B. - Chapter 2: Section 3 - Curvature and Area - finish with Section 3.2.
- (10) 11/9: Yuzhou and Shi - Chapter 2: Section 3 - Curvature and Area - Section 3.3.
- (11) 11/16: Mark and Adam - Chapter 2: Section 4 - Schoen-Simon-Yau, part 1.
- (12) 11/18: Professor M - Schoen-Simon-Yau, part 2.
- (13) 11/23 - project lectures begin.

Project lecture schedule:

- 11/23: Matt D. and Yuzhou.
- 11/30: Eli and Adam.
- 12/2: James and Shi.
- 12/4: Tianyou and Mark.
- 12/7: Victor and Matt B.
- 12/9: Morris.