

R01: Presentation Schedule (v4)

November 3, 2011

The following is the schedule of presentations for “Advanced Topics in Computer Systems”. With the current class size, each of the registered students will get to do 2 presentations, with each being a different “flavour” (critic, advocate or balanced) – for more details on what these mean, see the course web page at <http://www.cl.cam.ac.uk/teaching/current/R01>. The actual assignments of students to paper has been done at random, although presentations are distributed through the term so that everyone has the same amount of preparation time overall.

All attendees are expected to read all three papers in advance of the class (even in outline), and should be prepared to ask questions and generally engage in discussion.

13th October: OS Structures & Virtual Memory

1. VMS (Balanced): SMH
2. Mach (Advocate): Thomas Pasquier <tfjmp2@cl.cam.ac.uk>
3. L4 (Advocate): Artem Glebov <ag643@cl.cam.ac.uk>

20th October: Barrelfish Workshop (in FW11)

- no student presentations; instead attend workshop 2-4pm

27th October: Virtualization

1. Disco (Balanced): Zubair Nabi <zn218@cl.cam.ac.uk>
2. Xen (Critic): SMH

3. VMware (Advocate): Robert Hoff <rjh209@cl.cam.ac.uk>

3rd November: Bugs¹

1. Bugs: Arman Idani <ai274@cl.cam.ac.uk>
2. KLEE: AVSM
3. BGI: Oliver Farnan <ojf22@cl.cam.ac.uk>

10th November: Datacenter Storage

1. GFS (Balanced): SMH
2. BigTable (Critic): Oliver Farnan <ojf22@cl.cam.ac.uk>
3. Dynamo (Balanced): Arman Idani <ai274@cl.cam.ac.uk>

17th November: Data Intensive Computing

1. MapReduce (Balanced): Robert Hoff <rjh209@cl.cam.ac.uk>
2. Dryad (Advocate): Zubair Nabi <zn218@cl.cam.ac.uk>
3. Ciel (Critic): SMH

24th November: Deterministic Parallelism

1. DMP (Critic): Artem Glebov <ag643@cl.cam.ac.uk>
2. Determinator (Advocate): SMH
3. Dthreads (Critic): Thomas Pasquier <tfjmp2@cl.cam.ac.uk>

¹This class will be run by Anil Madhavapeddy