R01: Presentation Schedule

November 16, 2010

The following is the schedule of presentations for “Advanced Topics in Computer Systems”. Each of the registered students will get to do 3 presentations in total, one of each “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 papers has been done at random, although presentations are distributed through the term so that everyone has the same amount of preparation time overall.

There are also three PhD students attending, each of whom will give just one presentation, and who will not be expected to produce reviews; however all attendees are expected to read all three papers in advance of the class, and to be prepared to ask questions and generally engage in discussion.

19th October: OS Structures & Virtual Memory

1. VMS (Balanced): Jeffrey Epstein <jee36@cl.cam.ac.uk>
2. Mach (Critic): Derek Murray
3. L4 (Balanced): Karthik Nilakant <kn290@cl.cam.ac.uk>

26th October: Virtualization

1. Disco (Balanced): Mert Coskun <mc708@cl.cam.ac.uk>
2. Xen (Advocate): Chris Smowton
3. VMware (Balanced): Duncan Roberts <dr369@cl.cam.ac.uk>
2nd November: Bugs

1. Beliefs (Balanced) Yordan Zaykov <yz367@cl.cam.ac.uk>
2. KLEE (Critic): Narseo Rodriguez
3. BGI (Balanced): Chen Ge <crg34@cl.cam.ac.uk>

9th November: Multicore Operating Systems

1. K42 (Critic): Mert Coskun <mc708@cl.cam.ac.uk>
2. Barrefish (Advocate): Chen Ge <crg34@cl.cam.ac.uk>
3. Corey2 (Critic): Yordan Zaykov <yz367@cl.cam.ac.uk>

16th November: Datacenter Storage

1. GFS (Critic): Duncan Roberts <dr369@cl.cam.ac.uk>
2. Bigtable (Advocate): Karthik Nilakant <kn290@cl.cam.ac.uk>
3. Dynamo (Critic): Jeffrey Epstein <jee36@cl.cam.ac.uk>

23rd November: Data Intensive Computing

1. MapReduce (Advocate): Yordan Zaykov <yz367@cl.cam.ac.uk>
2. Dryad (Critic): Chen Ge <crg34@cl.cam.ac.uk>
3. Percolator (Advocate): Mert Coskun <mc708@cl.cam.ac.uk>

30th November: Deterministic Parallelism

1. DMP (Advocate) Duncan Roberts <dr369@cl.cam.ac.uk>
2. dOS (Critic) Karthik Nilakant <kn290@cl.cam.ac.uk>
3. Determinator (Advocate) Jeffrey Epstein <jee36@cl.cam.ac.uk>

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1This class will be run by Anil Madhavapeddy