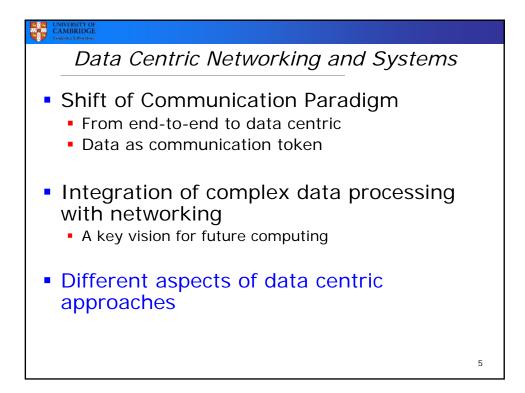
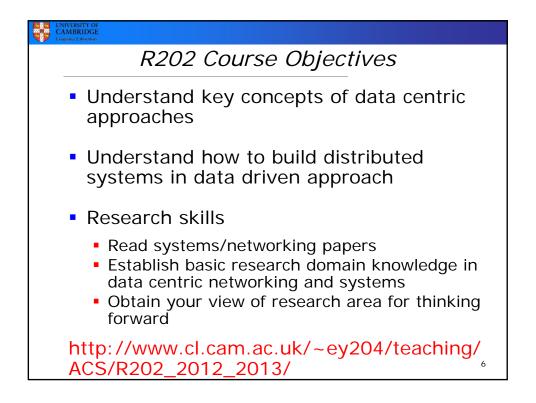
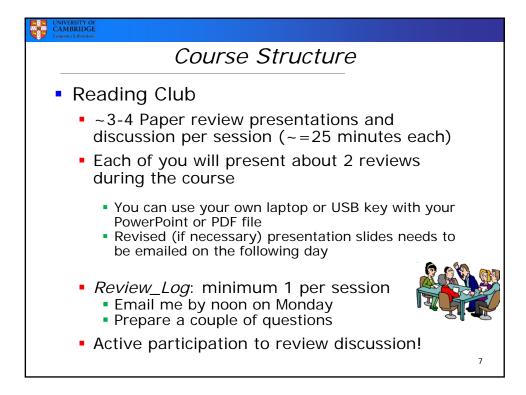


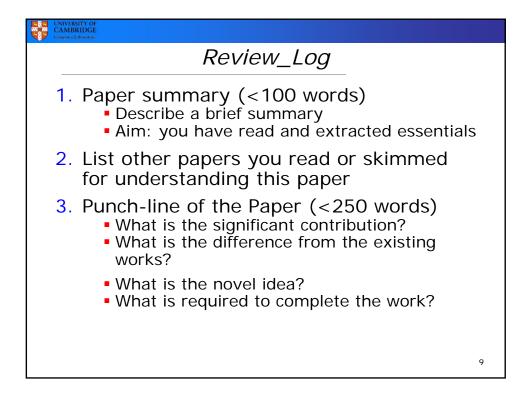
CAMBRIDGE Capada Labatara
Introduction to R202
<ul> <li>Welcome to R202</li> <li>First introduce yourselves</li> <li>Tell about yourself</li> </ul>
<ul> <li>Your name and where you studied before ACS</li> <li>What modules have you taken in Michaelmas term</li> <li>What is your research interests</li> <li>What is your ACS project</li> <li>Why are you interested in R202</li> <li>Do you want to continue research career after ACS?</li> </ul>
4

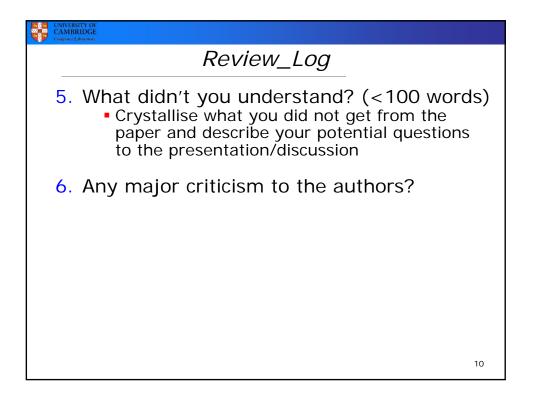


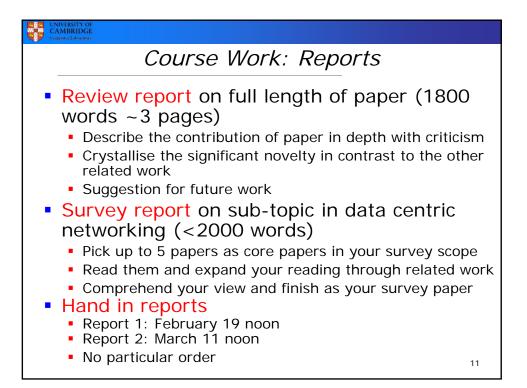




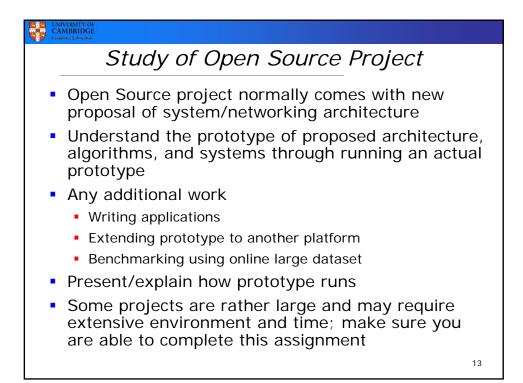
UNIVERSITY OF CAMBRIDGE Computer Laboratory		
	Review_Log	
	Paper Review Log: Session 2 (2013/01/29)	
	Name and ( <u>cr,sid</u> ): Paper Title and Authors	
	1. Paper Summary (<100 words) Describe a brief summary (extract essentials).	
	2. List other papers you read or skimmed for understanding this paper	
	3. Punch-line of the Paper (<250 words): What is the significant contribution? What is the difference from the existing work?	
	I. What didn't you understand? Crystallise what you did not get from the paper and describe your potential questions to the presentation/discussion.	
	5. Any major oritioism to the authors? Any.ordioism.and.suppesitons.to.the.authors?	8

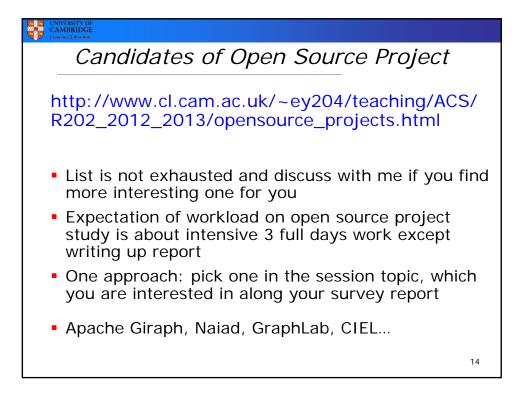


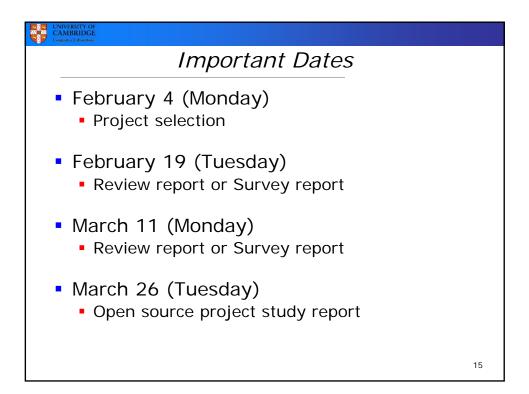




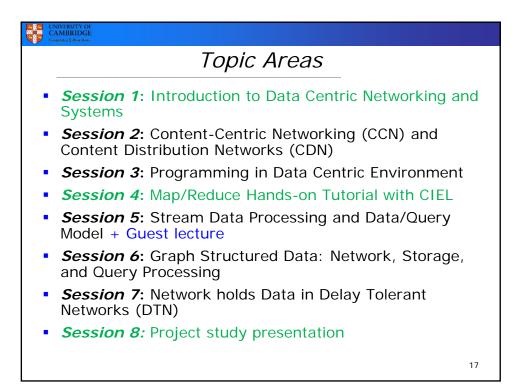
UNVERSITY OF CAMBRIDGE Conduct Laboratory
Course Work: Reports
<ul> <li>Report on project study and exploration of a prototype (&lt;2500 words)</li> </ul>
<ul> <li>What is the significance of the project in the research domain?</li> </ul>
<ul> <li>Compare with the similar and succeeding projects</li> </ul>
<ul> <li>Demonstrate the project by exploring its prototype</li> </ul>
Project selection by February 4, 2012
<ul> <li>Title and brief description (100 words) by email</li> </ul>
Project presentation on March 12, 2012
Final report on the project study on March 26, 2012
12



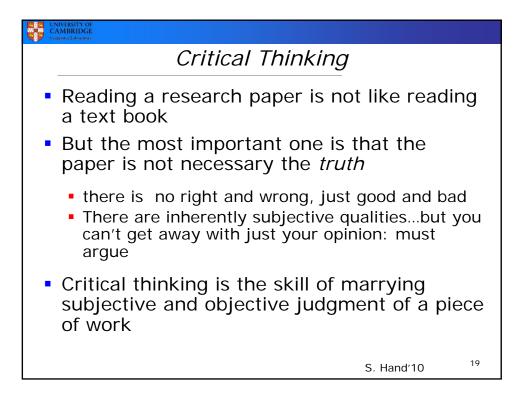




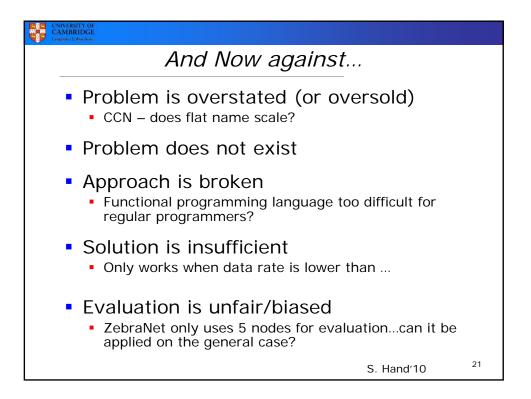
CAMBRIDGE Comparison Lowany		
Assessment		
<ul> <li>The final grade for the course will be provided as a letter grade or percentage and the assessment will consist of two parts:</li> </ul>		
<ul> <li>25%: for a reading club (presentation, participation and <i>review_log</i>)</li> </ul>		
<ul> <li>75%: for the three reports</li> <li>20%: Intensive review report</li> <li>25%: Survey report</li> <li>30%: Project study</li> </ul>		
1	16	

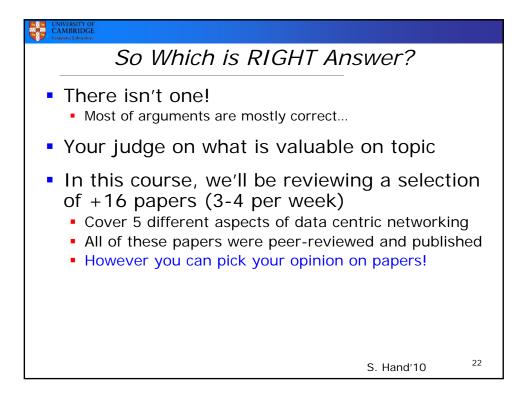


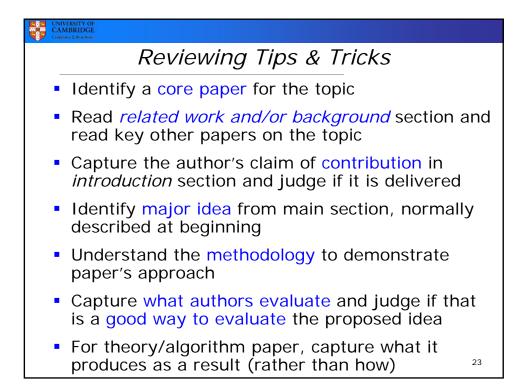
CAMBRIDGE Genue Laborator
Reading Papers
<ul> <li>Scope of DCNS is wide</li> </ul>
<ul> <li>includes distributed systems, OS, networking, middleware, programming language, database</li> </ul>
<ul> <li>Understand where DCN functionality resides and how whole system works</li> </ul>
<ul> <li>Type of papers</li> <li>Building a real networking component and system</li> <li>Proposing algorithm/mechanism on routing or architecture design</li> <li>New idea (w/ or w/o simulation)</li> </ul>
18



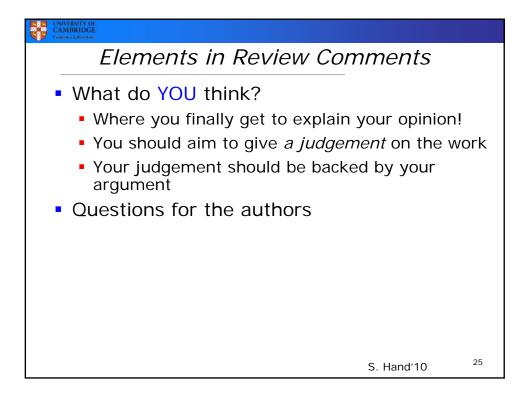
UNIVERSITY OF CAMBRIDGE Computer Liberatory	
First Let's Argue for	
What is the problem?	
What is important?	
<ul> <li>Why isn't it solved in previous work?</li> <li>Why CCN? Current Internet naming is not good enough?</li> </ul>	
<ul> <li>What is the approach?</li> <li>MapReduce for Big data</li> </ul>	
<ul> <li>Why is this novel/innovative?</li> <li>MapReduce can solve all big data?</li> </ul>	
S. Hand'10	20



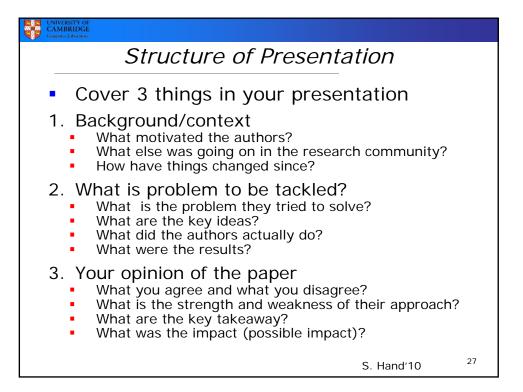




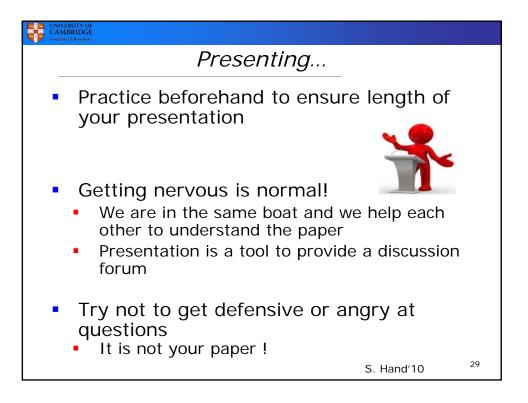
CAMBRIDGE CAMBRIDGE CAMBRIDGE
Elements in Review Comments
<ul> <li>Paper Summary <ul> <li>Provide a brief summary of the paper</li> <li>At this stage you should try to be objective</li> </ul> </li> <li>Problem <ul> <li>What is the problem? Why is it important? Why is previous work insufficient?</li> </ul> </li> <li>Solution or Approach <ul> <li>What is their approach?</li> <li>How does it solve the problem?</li> <li>How is the solution unique and/or innovative?</li> <li>What are the details?</li> </ul> </li> <li>Evaluation is unfair/biased <ul> <li>How do they evaluate their solution?</li> <li>What are the strength/weakness of the system and</li> </ul> </li> </ul>
evaluation itself? S. Hand'10 <sup>24</sup>

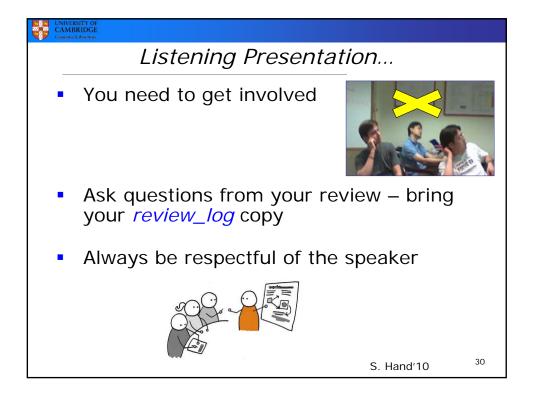


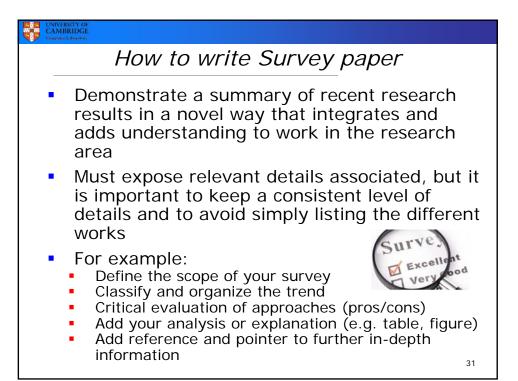
CAM Compare	RSITY OF BRIDGE Libaanny
	How to Review a Paper Aid
•	S. Keshav: How to Read a Paper, ACM SIGCOMM Computer Communication Review 83 Volume 37, Number 3, July 2007.
•	T. Roscoe: Writing Reviews for Systems Conferences, 2007.
•	Simon Peyton-Jones: How to write a great paper and give a great talk about it, Microsoft Research Cambridge.
•	David A. Patterson: How to Have a Bad Career in Research/Academia, 2001.
	See course web page for the paper links. 26



CAMBRIDGE Gama Lineare
Preparing
<ul> <li>Not too much basics: remember, everyone will have read the paper</li> <li>Brief overview</li> <li>Do not make exact repeat of the paper</li> </ul>
<ul> <li>Aim: generate discussion – spit your straight opinion about the paper to stir the discussion</li> <li>Explore the arguments they make and the conclusions they draw. What is your opinion on it?</li> <li>When you argue, state clearly the point of argument</li> </ul>
S. Hand'10 28







CAMBRIDGE Gamma Laborator	
Summary	
R202 course web page:	
http://www.cl.cam.ac.uk/~ey204/teaching/ACS/R202 _2012_2013	2
<ul> <li>Slides of presentation, forms, other information will be on the web</li> </ul>	
Enjoy the course!	
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