

Seminários

Você deve escolher um dos artigos abaixo para apresentar em um seminário. É esperado que o aluno entenda o trabalho e seja capaz de apresentá-lo com nível de detalhamento adequado em aula.

A atribuição de artigos ocorrerá até dia 5/4 e respeitará a ordem de chegada. Por isto, adicione a sua escolha como resposta à mensagem postada no moodle.

Verifique as escolhas feitas antes de você! Todos os alunos leiam todos os artigos escolhidos e postar pelo menos uma questão pertinente sobre cada um deles.

1. A Performance Model for Core System Monitoring Functions, Kevin J. Mitchell, Daniel A. Menascé, Proc. CMG 2013
2. Queuing Network Models to Predict the Completion Time of the Map Phas of Map Reduce Jobs, Shouvik Bardhan, Daniel A. Menascé, Proc CMG 2012
3. I/O Performance Modeling of Virtualized Storage Systems, Qais Noorshams, Kiana Rostami, Samuel Kounev, Petr Tuma, Ralf Reussner, Proc. MASCOTS 2013.
4. Understanding, Modelling, and Improving the Performance of Web Applications in Multicore Virtualised Environments, Xi Chen et al, Proc. ICPE 2014.
5. Web Application Performance Modeling Using Layered Queuing Networks, Yasir Shoaib, Olivia Das, Proc. 5th Int'l Workshop on Practical Applications of Stochastic Modelling, 2011.
6. Operational Analysis of Parallel Servers, Terence Kelly, Kai Shen, Alex Zhang, Christopher Stewart, Proc. Mascots 2008
7. Analytic Modeling of Multitier Internet Applications, Bhuvan Urgaonkar, Giovanni Pacifici, Prashant Shenoy, Mike Spreitzer, Asser Tantawi, ACM Transactions on the Web, 2007
8. Capacity Planning of a Commodity Cluster in an Academic Environment:A Case Study, Baochuan Lu et al, Proc 9th LCI Intl Conf on High-Performance Clustered Computing, 2008
9. Roofline: An Insightful Visual Performance Model for Multicore Architectures, Samuel Williams, Andrew Waterman, David Patterson, Communications of the ACM, 2009
10. Application of Queueing Network Models in the Performance Evaluation of Database Designs, Rasha Osman, Irfan Awan, Michael Woodward, Proc. 3rd Intl Workshop on the Practical Application of Stochastic Modelling, 2009.
11. Queueing Disciplines, Mor Harchol-Balter, Wiley Encyclopedia Of Operations Research and Management Science, 2011.