

## Data Centric Networking and Systems: Paper Review Presentation Assignment

### 2013/01/29 Session 2: Content-Centric Networking (CCN) ...

#### Ross Lagerwall

2.1. + 2.2 V. Jacobson, D. Smetters, J. Thornton, M. Plass, N. Briggs, R. Braynard: [Networking Named Content](#), CoNEXT, 2009 also CACM, January, 2012.

#### Leandro Nicosia

5. George Xylomenos, Xenofon Vasilakos, Christos Tsilopoulos, Vasilios A. Siris, and George C. Polyzos: [Caching and Mobility Support in a Publish-Subscribe Internet Architecture](#), IEEE Communication, Vol 50, Issue 7, 2012.

#### Valentin Dalibard (PhD Student)

3. A. Ghodsi, T. Koponen, B. Raghavan, S. Shenker, A. Singla, and J. Wilcox: [Information-Centric Networking: Seeing the Forest for the Trees](#), HotNets, 2011.

#### Plus essence of

6. Md. F. Bari, S. Chowdhury, R. Ahmed, R. Boutaba, and B. Mathieu: [A Survey of Naming and Routing in Information-Centric Networks](#), IEEE Communication, Vol 50, Issue 7, 2012.

### 2013/02/05 Session 3: Programming in Data Centric Environment

#### Laurie James

4. J. Dean, S. Ghemawat: [MapReduce: Simplified Data Processing on Large Clusters](#), OSDI, 2004.

#### Albert Kim

7. P. Bhatotia, A. Wieder, R. Rodrigues, U. A. Acar, and R. Pasquini: [Incoop: MapReduce for incremental computation](#), ACM SOCC, 2011.

#### Bogdan-Alexandru Matican

5. Derek Murray, Malte Schwarzkopf, Christopher Snowton, Steven Smith, Anil Madhavapeddy and Steven Hand: [Ciel: a universal execution engine for distributed data-flow computing](#), NSDI 2011.

#### Karthik Nilakant (PhD Student) including Naiad demo.

6. Frank McSherry, Rebecca Isaacs, Michael Isard, and Derek G. Murray, [Composable Incremental and Iterative Data-Parallel Computation with Naiad](#), no. MSR-TR-2012-105, 2012.

### 2013/02/19 Session 5: Stream Data Processing and Data/Query Model

#### Brett Lagerwall

6. E. Zeitler and T.Risch: [Massive scale-out of expensive continuous queries](#), VLDB, 2011.

#### Georgiev Petko

7. Raymond Cheng, Ji Hong, Aapo Kyrola, Youshan Miao, Xuetian Weng, Ming Wu, Fan Yang, Lidong Zhou, Feng Zhao, Enhong Chen: [Kineograph: Taking the Pulse of a Fast-Changing and Connected World](#), EuroSys, 2012.

### 2013/02/26 Session 6: Graph Structured Data: Network, Storage, and Graph Processing

#### Leandro Nicosia

5. U. Kang, C. E. Tsourakakis, C. Faloutsos: [PEGASUS: A peta-scale graph mining system - Implementation and observations](#), ICDM, 2009.

#### Bogdan-Alexandru Matican

2. G. Malewicz, M. Austern, A. Bik, J. Dehnert, I. Horn, N. Leiser, and G. Czajkowski: [Pregel: A System for Large-Scale Graph Processing](#), SIGMOD, 2010..

#### Brett Lagerwall

6. Z. Qian, X. Chen, N. Kang, M. Chen, Y. Yu, T. Moscibroda, Z. Zhang: [MadLINQ: large-scale distributed matrix computation for the cloud](#), EuroSys, 2012.

#### Albert Kim

7. S. Hong, H. Chafi, E. Sedlar, K. Olukotun: [Green-Marl: A DSL for Easy and Efficient Graph Analysis](#), ASPLOS, 2012.

## 2013/03/05 Session 7: Network holds Data in Delay Tolerant Networks (DTN)

### Ross Lagerwall

4. K. Fall: [A delay-tolerant network architecture for challenged internets](#), SIGCOMM, 2003.

### Laurie James

3. M. Grossglauser, D. Tse: [Mobility increases the capacity of ad-hoc wireless networks](#), IEEE/ACM Trans. on Networking, 10:477–486, 2002.

### Georgiev Petko

2.1 N. Laoutaris, G. Smaragdakis, P. Rodriguez, R. Sundaram: [Delay Tolerant Bulk Data Transfers on the Internet](#), SIGMETRICS, 2009.