

## Data Centric Networking: Paper Review Presentation Assignment

### 2012/01/31 Session 2: Content-Based Networking (CBN) and Content Distribution Networks (CDN)

#### Xinghong Fang

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.

#### Valentin Dalibard

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.

#### Thomas Pasquier

1.3. A. Carzaniga, A.L. Wolf: [Forwarding in a content-based network](#), SIGCOMM, 2003.

### 2012/02/14 Session 4: Programming in Data Centric Environment

#### Arman Idani

1. Yuan Yu, Michael Isard, D. Fetterly, M. Budiu, U. Erlingsson, P.K. Gunda, J. Currey: [DryadLINQ: A System for General-Purpose Distributed Data-Parallel Computing Using a High-Level Language](#), OSDI, 2008..

#### Robert Hoff

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

#### Jonathan Humphrey

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.

### 2012/02/21 Session 5: Stream Data Processing and Data/Query Model

#### Hao Zhang

5. T. Condie, N. Conway, P. Alvaro, and J. M. Hellerstein, K. Elmeleegy and R. Sears: [MapReduce Online](#), NSDI, 2010.

#### Thomas Pasquier

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

### 2012/02/28 Session 6: Graph Structured Data: Network, Storage, and Query Processing

#### Arman Idani

1. J. Pujol, V. Erramilli, G. Siganos, X. Yang, N. Laoutaris, P. Chhabra, P. Rodriguez: [The Little Engine\(s\) That Could: Scaling Online Social Networks](#), SIGCOMM, 2010..

#### Valentin Dalibard

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..

#### Robert Hoff

4. A. Lakshman, P. Malik, [Cassandra - A Decentralized Structured Storage System](#): LADIS, 2009.

## 2012/03/06 Session 7: Network holds Data in Delay Tolerant Networks (DTN)

### Jonathan Humphrey

1.2 N. Ristanovic, G. Theodorakopoulos and J.-Y. Le Boudec: [Traps and Pitfalls of Using Contact Traces in Performance Studies of Opportunistic Networks](#) , INFOCOM, 2012.

### Xinghong Fang

2.2 N. Laoutaris, M. Sirivianos, X. Yang, P. Rodriguez: Inter-Datacenter Bulk Transfers with NetStitcher," SIGCOMM, 2011..

### Hao Zhang

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