

## **Web Database Projects**

### **Group 1**

DUNG Chun Yee, Lai Shek Lung, YIP PUI FAI, Jeppe Thomsen  
XML Retrieval More Efficient Using Compression Technique  
[http://www.iaeng.org/publication/IMECS2011/IMECS2011\\_pp27-32.pdf](http://www.iaeng.org/publication/IMECS2011/IMECS2011_pp27-32.pdf)

### **Group 2**

Kong Yung Nam (Nick), Poon Wai Yin (William), Wong Siu Hung (Anthony)  
View Selection in Semantic Web Databases (Volume 5, No. 2, October 2011)  
[http://vldb.org/pvldb/vol5/p097\\_francoisgoasdoue\\_vldb2012.pdf](http://vldb.org/pvldb/vol5/p097_francoisgoasdoue_vldb2012.pdf)

### **Group 3**

KEUNG Suen-wing (Rick), LEUNG Kin Wai (Frankie), MOK Chun Yung (Vic)  
A study on Semantic Knowledge Representation (SKR) Project: MetaMap & Unified Medical Language System (UMLS)  
*No specific paper provided.*  
*Suggested paper: StreamTX: Extracting Tuples from Streaming XML Data*  
<http://www.vldb.org/pvldb/1/1453891.pdf>

### **Group 4**

Wong Yan Kwan (Gideon), Hun Yuen Chi (Alex), Lau Chun Fat (Ian), Law Sin Kwong (Dominic)  
EFFECTIVE ASYMMETRIC XML COMPRESSION  
<http://pskibinski.pl/papers/07-AsymmetricXML.pdf>

### **Group 5**

YAN Jing, CHENG Shichao, HU Wei  
No paper selected?  
Title:  
Library Catalogue  
Link:  
<http://library.polyu.edu.hk/>  
*No specific paper provided.*  
*Suggested paper: Query Translation from XPath to SQL in the Presence of Recursive DTDs*  
<http://www.vldb2005.org/program/paper/wed/p337-fan.pdf>

### **Group 6**

Wong Chi Yin (Agnes), Lai Ka Man (Kaman), So Chun Fai (Raymond), Lee Ka Leung (Leo)  
Nearest Keyword Search in XML Documents  
<http://www.cse.cuhk.edu.hk/~taoyf/paper/sigmod11-xml.pdf>

### **Group 7**

QING Pei (Edward), LO Wing Yi (Wing), SHAO Shuai (Philip)  
Generating Efficient Execution Plans for Vertically Partitioned XML Databases  
<http://vldb.org/pvldb/vol4/p1-klung.pdf>

Group 8

Lau Tsz Chung, Wai Hang Kit, Tung Man Hong (Andy), Wu Chue

A Bounded and Adaptive Memory-Based Approach to Mine Frequent Patterns From Very Large Databases

[http://ieeexplore.ieee.org/xpls/abs\\_all.jsp?arnumber=5466159](http://ieeexplore.ieee.org/xpls/abs_all.jsp?arnumber=5466159)

Group 9

Chong Raymond, Ho Kin Kwan, Fong Chun Fai

Mapping xml to a wide sparse table

<http://db.ucsd.edu/pubsFileFolder/364.pdf>

Group 10

ZHENG Zhong, LEUNG Yin Ki, Deng Junjun

Querying and Ranking XML Documents

<http://dl.acm.org/citation.cfm?id=507281>