Fourth International Conference on the Applications of Digital Information and Web Technologies (ICADIWT 2011)
August 04-06, 2011

Wednesday, August 3

Time	Event	Location
4pm to 8pm	Welcome and Registration Appetizers and drinks	Holiday Inn

Thursday, August 4

Time	Event	Location
7:45am	Shuttle from Holiday Inn to UW-Stevens Point	
8am to 5pm	Registration	UW-Stevens Point Dreyfus University Center (DUC), Laird Room
8:30am to 9:30am	Breakfast	UW-Stevens Point DUC Laird Room
9:30am to 9:45am	Welcome and Introductions	UW-Stevens Point DUC Laird Room
10am to 10:30am	Break	
10:30am to 11:30am	Keynote1 (Joe Hummel)	UW-Stevens Point DUC Laird Room
12pm to 1pm	Lunch	UW-Stevens Point DUC Laird Room
1pm to 2:45pm	Breakout Session 1	UW-Stevens Point DUC Room 223 and 225
2:45pm to 3:15pm	Break	
3:15pm to 5pm	Breakout Session 2	UW-Stevens Point DUC Room 223 and225
5pm to 6pm	Reception	UW-Stevens Point College of Professional Studies (CPS) Café, Room 125
6pm to 8pm	Dinner	UW-Stevens Point College of Professional Studies (CPS) Café, Room 125
8pm	Shuttle from UW-Stevens Point to Holiday Inn	

Friday, August 5

Time	Event	Location
7:45am	Shuttle from Holiday Inn to UW-Stevens Point	
8am to 9am	Breakfast	UW-Stevens Point DUC Laird Room
9am to 10am	Keynote2 (Dr. Kasi Periyasamy)	UW-Stevens Point DUC Laird Room
10am to 10:15am	Break	
10:15am to 12pm	Breakout Session 1	UW-Stevens Point DUC 223 and 225
12pm to 1pm	Lunch	UW-Stevens Point DUC Laird Room
1pm to 2:45pm	Breakout Session 2	UW-Stevens Point DUC Room 223 and 225
2:45pm to 3:15pm	Break	
3:15pm to 5pm	Breakout Session 3	UW-Stevens Point DUC Room 223 and 225
5pm	Shuttle from UW-Stevens Point to Holiday Inn	UW-Stevens Point DUC Laird Room

1pm to 2:45pm	Breakout Session 1	UW-Stevens Point DUC Room 223 and 225

Computer Communication and Database Applications

1.00– 1.20 PM
Pretreatment for Skeletonization based on Direction Chain Net
Bo Ruan, Lin-ping Du, Li Zeng, Yuan-yuan Zhou
1.20-1.40 PM
Dynamically Reconfigurable User Interface – A Case Study from Health Care Application
Kasi Periyasamy, Vinoth Perkinian
1.40-2.00 PM
A Self-Healing Architecture for Web Services based on Failure Prediction and a Multi Agent System
Mahmoud Hossein Zadeh, Mir Ali Seyyedi
2.00 -2.20 PM
Accuracy Enhancement in Environment Sound Recognition using ZC Features and MPEG-7 with modified K-NN
classifier feature
Mubarak Obaid AlQahtani, Abdulaziz S. Almazyad
2.20-2.40 PM
Extending Vector Space Model for XML Ranking
Weimin He, Teng Lv

3:15pm to 5pm	Breakout Session 2	UW-Stevens Point DUC Room 223 and225

Computer Networks

3.15 -3.35 PM
Exponential synchronization of Cohen-Grossberg neural networks with diffusion terms and delays
Teng Lv, Weimin He, Ping Yan

3.35 -3.55 PM
A Local Registration Scheme for Route Optimization in Nested NEMO
Tianhan Gao, Nan Guo

3.55-4.15 PM
Information Networks56 Grounding High Efficiency Cloud Computing Architecture: HW-SW Co-Design and
Implementation of a Stand-alone Web Server on FPGA
Jibo Yu, Yongxin Zhu, Liang Xia, Meikang Qiu, Yuzhuo Fu, Guoguang Rong

4.15 PM-4.35 PM
Saudi Arabia Stock Prices Forecasting Using Artificial Neural Networks
Sunday Olusanya Olatunji, Mohammad Saad Al-Ahmadi, Moustafa Elshafei, Yaser Ahmed Fallatah

4.35 PM-4.55 PM

Overlay Network for Personalized Ubiquitous Environment Roaming

Toru KOBAYASHI, Masami UENO, Yoshikatsu TADA

4.55-5.15

Distributed Speech Processing over Wireless Mesh Networks

Rajesh M. Hegde, B. S. Manoj

5.15-5.35

Better Prediction of Humidity using Artificial Neural Network

Bimal Dutta, Susanta Mitra

| 10:15am to 12pm | Breakout Session 1 | UW-Stevens Point DUC 223 and 225 |

Information Retrieval

10.15- 10.35 AM

Related Paper Recommendation to Support Online-Browsing of Research Papers

Manabu Ohta, Toshihiro Hachiki, Atsuhiro Takasu

10.35- 10.55 AM

Specification and verification of timed automaton using meta-modeling and graph grammars

Mohamed El-Kamel Hamdane, Allaoui Chaoui

10.55-11.15 AM

Dynamic Implicit Strict Partially Ordered Sets

Andrew Chen

11.15 -11.35 AM

Open Issues on Query by Humming

Nauman Ali Khan, Mubashar Mushtaq

11.35-11.55 AM

Dais George, Pit Pichappan, Sebastian Georg

Generalized Confidence Interval for R = P(X > Y) of Pareto Distribution and Its Application in Web Performance

| 1pm to 2:45pm | Breakout Session 2 | UW-Stevens Point DUC Room 223 and 225 |

Communication Software and Network Security

1.00-1.20 PM

Using LINQ Transformation Patterns to evaluate SQL Queries

Robert Dollinger, Kent Thomas

1.20-1.40 PM
Ranking of New Sponsored Online Ads
Hamed Sadeghi Neshat

1.40-2.00 PM
A Privacy-Aware, End-to-End, CFG-based Regression Test Selection Framework for Web Services using only Local Information
Michael Ruth, Curtis Rayford, Jr.

2.20-2.40 PM
Virtualized Hosting: Devising a Security Policy Through Log Analysis
Dennis C. Guster, Olivia F. Lee, Dustin C. Rogers

2.40-3.00 PM
Enhancing security and confidentiality in location-based data encryption algorithms
Rohollah Karimi

| 3:15pm to 5pm | Breakout Session 3 | UW-Stevens Point DUC Room 223 and 225 |

Data Mining and Computer Communication

3.15-3.35 PM
The Cassiopeia Model: Using summarization and clusterization for semantic knowledge management
Marcus V. C. Guelpeli, Ana Cristina Bicharra Garcia, António Horta Branco

3.25-3.55 PM
Proximity-Based Sentiment Analysis
S.M.Shamimul Hasan, Donald A. Adjeroh

3.55-4.15 PM
Evaluating Discovered Rules from Association Rules Mining Based on Interestingness Measures Using Fuzzy Expert System
Hamid Eslami Nosratabadi, Sanaz Pourdarab, Ahmad Nadali, Mahdieh Khalilinezhad

4.15 -4.35 PM
Flexible Process Support by Automatic Aggregation of Implicit and Explicit User Behavior
Thomas Burkhart, Dirk Werth, Peter Loos

4.35-4.55 PM
Low Cost Log Statistical Filtering in the Real World Chained Tokens and Bayesian Filters
Russel W. Havens, Chia-Chi Teng