

IADIS International Conference
WWW/INTERNET 2013,
Fort Worth, Texas, USA
Conference Program

Tuesday 22nd, October 2013

08:30-18:00 Welcome Desk

09:00-09:15 Session O – Opening Session
(Room Spicewood)

OPENING SESSION

Profs. Bebo White and Pedro Isaías

09:15-10:30 Session KL1 – Keynote Presentation
(Room Spicewood)

**ERASURE-CODED DISTRIBUTED CLOUD STORAGE:
MYTHS AND REALITIES**

Dr. Yih-Farn Robin Chen, Researcher, AT&T Labs Research, USA

10:30-11:00 Coffee Break (at Piney Wood Cove Room)

11:00-12:30 Session FP 22.1
Social Networks // Information Retrieval
(Room Spicewood)

Chair: Sean Wolfgang Matsui Siqueira

**A QUERY ROUTING MODEL TO RANK EXPERT
CANDIDATES ON TWITTER (F034)**

*Cleyton Souza, Jonathas Magalhães, Evandro Costa
and Joseana Fechine*

**CONPREDICT: A METHOD FOR LINK PREDICTION
IN CO-AUTHORED CONTENT-BASED NETWORKS (F049)**

*Jamilson Batista Antunes, Josué Batista Antunes, Hélio Fernando
Bentzen Pessoa Filho, Renato Dourado Maia,
Rodrigo Barbosa de Queiroz, Carlo Marcelo Revoredo da Silva,
Ricardo Batista Rodrigues and Flavia de Almeida Barros*

**A PROTOTYPE FOR QUERYING HETEROGENEOUS DATA
SOURCES ON THE WEB (F045)**

*Alison Carlos Filgueiras, João Carlos da Silva and Auri Marcelo
Rizzo Vincenzi*

12:30-13:30 Lunch Break (at West Room)

13:30-15:20 Session FSP 22.2
e-Commerce / e-Business // e-Society
(Room Spicewood)

Chair: Yih-Farn robin Chen

**FACTORS AFFECTING THE USE OF E-PAYMENT IN A
DEVELOPING COUNTRY – VIETNAM AS A CASE (F086)**

*Thang Quang Thieu, Chien – Chung Lin, Hai Nam Le
and Vinh Quang Nguyen*

**4IPAY: A PAYMENT SYSTEM MODEL FOR U-COMMERCE
(F096)**

*Cristiano André da Costa, Alex Roehrs, Jorge Barbosa
and Rodrigo Righi*

**CUSTOMER RELATIONSHIP MANAGEMENT
ON FACEBOOK: THE EFFECT OF DIRECT APPEALS
ON ENGAGEMENT WITH ONLINE NEWS (F058)**

Jan Boehmer

**APPLYING THE TECHNOLOGY ACCEPTANCE MODEL
AND THE SERVICE QUALITY MODEL TO THE NEW LIVE
CUSTOMER SUPPORT CHAT IN E-COMMERCE
WEBSITES (S062)**

Ahmed Elmorshidy

15:30-16:00 Coffee Break (at Piney Wood Cove Room)

16:00-18:05 Session FSRP 22.3
**Human Computer Interaction and Usability // e-Learning
// Other**
(Room Spicewood)

Chair: Bebo White

**TABLET PC USABILITY: DEVELOPING UI GUIDELINES
FOR M-COMMERCE WEBSITES FOR DEVICES WITH
TOUCH INTERFACES (F042)**

Nicolas Becker and Lelia Livadas

**DEVELOPING LEARNING OBJECTS USING THE GAIA
METHODOLOGY: A CASE STUDY (F075)**

*Edson Pacheco, Eder Diego de Oliveira
and Rodolfo Miranda de Barros*

**CORPUS OF SEMIOTIC ANALYSIS OF SIGN LANGUAGE
(F033)**

*C. Guimarães, D. R. Antunes, I. Nossabein, P. Sandoval, L. García,
S. Fernandes and A. Miranda Jr.*

**A CONCEPTUALISED FRAMEWORK FOR MOBILE
DEVICE-BASED SERVICE DELIVERY IN ACADEMIC
LIBRARY (S031)**

Eumice Mtshali and Tiko Iyamu

**MULTISENSORY INTERACTION DESIGN: DESIGNING
USER INTERFACES FOR HUMAN SENSES (R057)**

Tatiana Aires Tavares

**18:30 Welcome Reception (at Hotel Restaurant -
Sheraton Bistro)**

Wednesday 23rd, October 2013

08:30-17:40 Welcome Desk

08:50-09:40 Session FSP 23.1

e-Health

(Room Spicewood)

Chair: *Auri Marcelo Rizzo Vincenzi*

UBIHEALTH: A UBIQUITOUS COLLABORATIVE SYSTEM TO SUPPORT TELEMEDICINE (F092)

Felipe dos Santos and Cristiano André da Costa

SUPPORT OF THERAPY FOR CARDIOVASCULAR DISEASES BY TELEMEDICAL INTERVENTION (S071)

Thomas Spittler, Timotheus Bachinger, Maximilian Kirchmann,

Bernhard Wolf and Petra Friedrich

09:50-10:30 Poster Session

(Room Spicewood)

Chair: *Bebo White*

WEB-BASED DATA PRESENTATION SYSTEM TO SUPPORT RISK MANAGEMENT FOR THE PREVENTION OF INFECTIOUS DISEASE OUTBREAKS

Masashi Inoue, Shinsaku Hasegawa, Akihiko Suyama and Masayuki Kakehashi

AN APPROACH FOR SECURE MASHUP COMPOSITION

Carlo Marcelo Revoredo da Silva, Ricardo Batista Rodrigues, Glauca Melissa Medeiros Campos, Wilton Oliveira Ferreira, Felipe Silva Ferraz and Vinicius Cardoso Garcia

THE RESEARCH OF INFORMATION RETRIEVAL FOR MONGOLIAN SEMANTIC WEB

Yila Su, Chuan Fan, Hongbo Chen, Xiulan Xie and Haitao Liu

A CLOUD-BASED RECOMMENDATION SYSTEM

Ricardo Batista Rodrigues, Carlo M. R. da Silva, Wilton O. Ferreira, Glauca M. M. Campus, Vinicius C. Garcia, Frederico A. Durão and Rodrigo E. Assad

10:30-11:00 Coffee Break (at Lightcatcher Foyer Room)

11:00-12:00 Session KL2 – Keynote Presentation

(Room Spicewood)

"THE PREDICTIVE POWER OF SEARCH TRENDS AND SOCIAL MEDIA"

By Professor Takis Metaxas, Wellesley College, USA

12:30-13:30 Lunch Break (at Brushy Creek & Dry Coma Room)

13:30-15:40 Session FSP 23.2

Applications and Uses // e-Learning // e-Society

(Room Spicewood)

Chair: *Tiko Iyamu*

CVL@B: A COLLABORATIVE VIRTUAL L@BORATORY DEVELOPMENT AND EXPERIMENTATION (F066)

Djamila Mechta, Saad Harous and Mahieddine Djoudi

ANALYZING E-GOVERNMENT POLICIES: THE ACTOR'S PERSPECTIVE (F025)

Roberto Cortés-Morales and Gabriela Marín-Raventós

EDUCATIONAL DATA MINING FOR SUPPORT E-LEARNING TEACHER BASED ON DECISION TREE (F108)

Alana M. de Moraes and Joseana M. F. R. de Araújo

GAIA ABSTRACTION GAME: A GAME TO ASSIST THE PROCESS OF LEARNING OBJECT ORIENTATION (S076)

Eder Diego de Oliveira, Edson Pacheco, Vanessa Tavares de Oliveira Barros, Marcelo Bolfe, Eliana C. M. Ishikawa and Rodolfo Miranda de Barros

A STUDY ON THE EFFECTS OF STUDENT SELF-EFFICACY WITHIN AN ONLINE VIRTUAL LEARNING ENVIRONMENT (S091)

Yu-Li Chen, Ji-Liang Doong and Chun-Chia Hsu

15:30-16:00 Coffee Break (at Lightcatcher Foyer Room)

16:00-17:40 Session FSP 23.3

Social Networks // e-Society

(Room Spicewood)

Chair: *Cristiano Andre Da Costa*

GENERATING IMPLICIT CUSTOMER FEEDBACK TO MULTI-AGENT RECOMMENDER SYSTEMS THROUGH SOCIAL NETWORKS (F100)

Fabiana Lorenzi and Bruno Fontanella

WAITS – AN IT STRUCTURE FOR ENVIRONMENTAL INFORMATION VIA OPEN KNOWLEDGE, DYNAMIC DASHBORADS AND SOCIAL WEB OF THINGS (F107)

André Peres, Evandro Manara Mileto, Simone Kapusta,

Telmo Ojeda, Antoine Lacasse and Julie Gagnon

UNDERSTANDING MOTIVES FOR USER CONSUMPTION AND PARTICIPATION ON YOUTUBE: A USES AND GRATIFICATIONS PERSPECTIVE (S055)

M. Laeeq Khan

DIGITALLY LITERATE: FRAMEWORK FOR THE DEVELOPMENT OF DIGITAL LITERACY (S113)

Pedro Isaias, Paula Miranda and Sara Pffano

19:00 Conference Dinner (at Brushy Creek & Dry Coma Room)

Thursday 24th, October 2013

08:30-18:00 Welcome Desk

09:00-10:30 Tutorial

(Room Spicewood)

SENTIC COMPUTING

Dr. Erik Cambria, Research Scientist at the National University of Singapore and Associate Researcher at the MIT - Massachusetts Institute of Technology

10:30-11:00 Coffee Break (at Lightcatcher Foyer Room)

11:00-12:30 Tutorial
(Room Spicewood)

Dr. Erik Cambria, Research Scientist at the National University of Singapore and Associate Researcher at the MIT - Massachusetts Institute of Technology

12:30-13:30 Lunch Break (at Brushy Creek & Dry Coma Room)

13:30-15:30 Session FP 24.1
Network Performance // Web Security and Privacy // Other
(Room Spicewood)
Chair: *Andre Peres*

EVALUATING THE IMPACT OF A SELF-CONFIGURING PROTOCOL IN WIRELESS AUTONOMOUS NETWORKS' DEPLOYMENT (F022)

Reinaldo Gomes, Luciana Gomes and Anderson F. B. F. da Costa
CACHE SYSTEM DEVELOPMENT WITH GENETIC ALGORITHM FOR SQUID'S SETTINGS OPTIMIZATION (F083)
Josué Batista Antunes, Jamilson Batista Antunes, Rinaldo Jose de Lima, Rodrigo Barbosa de Queiroz, Luciano Soares de Souza, Hélio Fernando Bentzen Pessoa Filho, Bruno Lacerda Denucci and Renato Dourado Maia

A SECURE AND CONFIDENTIAL JAVASCRIPT CRYPTO-FRAMEWORK FOR CLOUD STORAGE APPLICATIONS (F097)

Thomas Lenz, Bernd Zwattendorfer and Arne Tauber
FEATURE FILTERING TECHNIQUES APPLIED IN IP TRAFFIC CLASSIFICATION (F044)
Michael Taynnan Barros, Reinaldo Cezar Gomes, Marcelo Sampaio de Alencar and Anderson Fabiano Costa

15:30-16:00 Coffee Break (at Lightcatcher Foyer Room)

16:00-18:35 Session FSRP 24.2
Semantic Web Services // Ontologies // Other
(Room Spicewood)
Chair: *Sean Wolfgang Matsui Siqueira*

A SYNONYMS DICTIONARY APPROACH IN SEMANTIC WEB SERVICES COMPOSITION (F052)

Heitor Barros, Tarsis Marinho, Evandro Costa, Jonathas Magalhães and Patrick Brito

SERIN – AN APROACH TO SPECIFY SEMANTIC ABSTRACT INTERFACES IN THE CONTEXT OF RESTFUL WEB SERVICES (F084)

Bruno de Azevedo Muniz, Laura Maria Chaves, Hermano Albuquerque Lira, José Renato Villela Dantas and Pedro Porfírio Muniz Farias

E-SCIENCENET: SERVICE COMPOSITION IN SCIENTIFIC DOMAINS (F032)

Tadeu Classe, Regina Braga, Fernanda Campos and José Maria N. David

GROUPUSTO.RE ALGORITHM FOR CREATING FEDERATIONS OF PEER DYNAMICS IN SYSTEMS WITH PEER-TO-PEER (F101)

Wilton Oliveira Ferreira, Ricardo Batista Rodrigues, Josino Rodrigues Neto, Julio Cesar Damasceno, Legilmo Marcelo Fontes de Oliveira, Carlo Marcelo R. da Silva, Rodrigo Elia Assad, Vinicius Cardoso Garcia and Felipe Silva Ferraz

DECLARATIVE COMPOSITION OF DATA PROCESSING WORKFLOWS (S077)

Wesley Deneke, Wing Ning Li and Craig Thompson
DEVELOPMENT AND MAINTENANCE OF XML-BASED VERSUS HTML-BASED WEBSITES: A CASE STUDY (R109)
Mustafa Atay

Friday 25th October 2013

08:30-13:00 Welcome Desk

08:40-10:30 Session FSP 25.1

Ontologies
(Room Driftwood)
Chair: *Wesley Deneke*

A FRAMEWORK FOR SEMANTIC BUSINESS PROCESS MANAGEMENT IN E-GOVERNMENT (F020)

Zhan Liu, Anne Le Calvé, Fabian Cretton, Florian Evéquo and Elena Mugellini

MODELING THE WIKIPEDIA FOR WEB ANNOTATION: TOWARDS BUILDING A SEMANTIC ANNOTATION FRAMEWORK (F054)

Elshaimaa Ali and Vijay Raghavan

AN OWL DESCRIPTION OF HDF5 (F068)

Gerd Heber and Mike Folk

SEMANTIC NETWORK OF PHYSICAL EFFECTS DESCRIPTIONS IN NATURAL LANGUAGE CONTEXT (S099)

Dmitriy M. Korobkin, Sergey A. Fomenkov and Sergey G. Kolesnikov

10:30-11:00 Coffee Break (at Piney Wood Cove Room)

11:00-12:40 Session FSP 25.2
Collaborative Systems // Social Networks
(Room Driftwood)
Chair: *Reinaldo Gomes*

A MULTI-CRITERIA RECOMMENDER SYSTEM FOR TAG ANNOTATIONS (S106)

Marc Gräßle, Dirk Werth and Peter Loos

HAWKEYE: A COLLABORATIVE SYSTEM FOR BUSINESS PROCESS MODELING (F035)

Riccardo Cognini, Damiano Falcioni, Andrea Polini,

Alberto Polzonetti and Barbara Re

BUILDING USERS PROFILES DYNAMICALLY THROUGH ANALYSIS OF MESSAGES IN COLLABORATIVE SYSTEMS (F038)

Gustavo Fernandes and Sean Siqueira

PREFERENCES OF WORKING-AGE CONSUMER TO FACEBOOK APPLICATION-BASED MARKETING CAMPAIGNS (S098)

Utsa Ratdilokparnij, Supeecha Panichpathom and Atcharawan Ngarmyarn

12:40 Best Paper Awards Ceremony and Closing Session
(Room Driftwood)

Profs. Bebo White and Pedro Isaías